

Converting Colors

HunterLab(55.2189, -6.2716,
-27.2420)

Have a look what the booklet for
HunterLab(55.2189, -6.2716,
-27.2420) contains.

HunterLab(55.2893, -6.4000, -27.3035)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(55.2893, -6.4000,
-27.3035)**

Conversions

Conversions Part 1

Format	Color
Hex	659BCC
RGB	101, 155, 204
RGB Percent	40%, 61%, 80%
CMY	0.6039, 0.3921, 0.2000
CMYK	0.50, 0.24, 0.00, 0.20
HSL	209°, 50%, 60%
HSV	209°, 50%, 80%
XYZ	27.9873, 30.5691, 61.5521
YIQ	144.4400, -47.9130, 3.7910

Conversions

Conversions Part 2

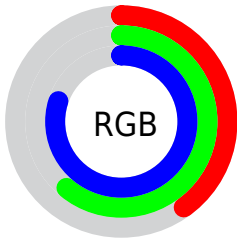
Format	Color
R_{YB}	101, 136, 204
Decimal	6659020
CIE _{Lab}	62.14, -4.18, -30.64
CIE _{LCh}	62, 30.925, 262.237
Yxy	30.5702, 0.2330, 0.2545
Android (android.graphics.Color)	4284849100 (0xFF659BCC)
YUV	144.4400, 29.3631, -38.0969
Hunter-Lab	55.2893, -6.4000, -27.3035

Details

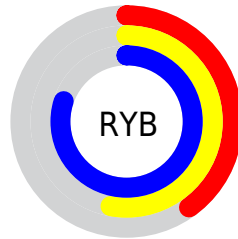
The HunterLab color $55.2893, -6.4000, -27.3035$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $59.6582, 9.7692, 24.6949$, and the grayscale version is $52.8879, -2.8220, 2.8735$.

A 20% lighter version of the original color is $77.4526, -9.3515, -24.8601$, and $35.4893, -4.7165, -26.4193$ is the 20% darker color. If you saturate the color by 10%, you get $51.4135, -5.1572, -34.2888$, and if you desaturate by 10%, it is $59.3791, -6.9855, -20.5748$.

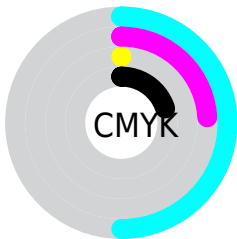
Distribution



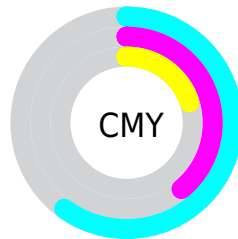
- Red (40%)
- Green (61%)
- Blue (80%)



- Red (40%)
- Yellow (53%)
- Blue (80%)



- Cyan (50%)
- Magenta (24%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.2893, -6.4000, -27.3035 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 55.2893, -6.4000, -27.3035 by changing the saturation by 10% instead.

■ 55.2893, -6.4000,
-27.3035

■ 55.2893, -6.4000,
-27.3035

174.5145,
-14.4110, -30.1330

■ 45.0242, -5.6178,
-26.7378

■ 77.8221, -8.0293,
-28.2970

■ 35.4863, -4.8559,
-26.1506

■ 90.0143, -8.8768,
-28.7156

■ 26.7371, -4.1127,
-25.5847

■ 102.7840, -9.7460,
-29.0802

■ 18.8555, -3.3840,
-25.1472

■ 116.1063,
-10.6369, -29.3913

■ 11.9501, -2.6614,
-25.1365

129.9592,
-11.5491, -29.6505

■ 4.8709, -3.9971,
-35.9267

144.3229,

0.0000, NaN, -NF

-12.4824, -29.8593

0.0000, NaN, NaN

159.1800,
-13.4365, -30.0195

0.0000, NaN, NaN

■ 55.2893, -6.4000,
-27.3035

■ 55.2893, -6.4000,
-27.3035

■ 51.4135, -5.1572,
-34.2888

■ 59.3791, -6.9855,
-20.5748

■ 47.7708, -3.1801,
-41.5223

■ 63.6592, -6.9914,
-14.1023

■ 44.3845, -0.4037,
-48.9698

■ 68.1120, -6.4903,
-7.8715

■ 41.2736, 3.2050,
-56.5753

■ 72.7209, -5.5476,
-1.8634

■ 38.5550, 7.3076,
-63.9653

■ 77.4715, -4.2200,
3.9434

■ 82.3515, -2.5564,
9.5703

■ 87.3499, -0.5985,
15.0380

■ 91.4851, -1.7115,
19.3194

■ 94.5151, -6.7697,
22.2848

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.2903, -17.9030, -20.1602



55.2893, -6.4000, -27.3035



55.2903, 7.1685, -24.9170

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.2903, -6.4001, -27.3024



55.2903, 23.0530, 11.5265



55.2903, -21.9324, 16.0448

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



55.2893, -6.4000, -27.3035



59.6582, 9.7692, 24.6949

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.2903, -12.3953, 21.2689



55.2893, -6.4000, -27.3035



55.2903, 13.7761, 19.1277

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.2903, -6.4001, -27.3024



55.2903, 25.0473, -0.4144



55.2903, 0.5804, 22.2442



55.2903, -26.2956, 6.2277

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.2893, -6.4000, -27.3035



55.2903, 15.5089, -18.4553



55.2903, 0.5804, 22.2442



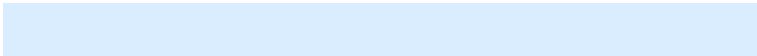
55.2903, -19.2713, 18.2896

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



55.2903, -6.4001, -27.3024



90.7678, -7.7762, -6.0037



69.3724, -38.0578, 17.7545



41.4087, -3.7137, -3.5435

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.2903, -6.4001, -27.3024



65.5330, -6.3599, -45.3252



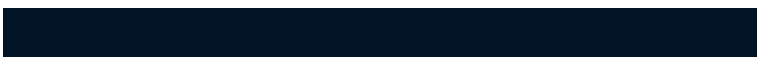
41.3712, 19.3336, -56.0393



34.3526, -2.5426, -0.5721



30.8930, 5.2190, -49.8799



8.0234, -0.5814, -8.7735

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.5101, 41.2486, -5.9072



57.9701, 65.0894, -7.8508



74.3971, -14.9395, 35.7687



33.6308, 1.9393, 0.7556



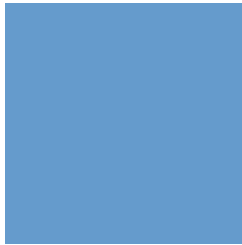
29.6082, 53.0233, 1.1606



6.8376, 12.4511, -1.3290

Previews

White Background



This preview shows how the HunterLab color 55.2893, -6.4000, -27.3035 looks on a white background.

Color Contrast Check

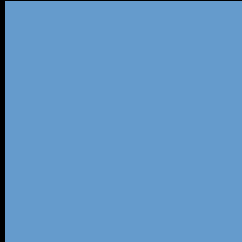
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 55.2893, -6.4000, -27.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

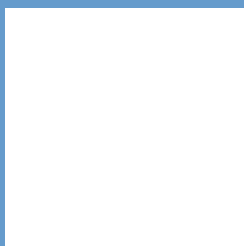
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 55.2893, -6.4000, -27.3035 Background



This preview shows how black text looks on a background with the HunterLab color 55.2893, -6.4000, -27.3035.

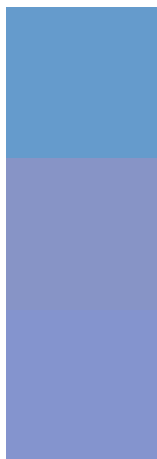


This preview shows how white text looks on a background with the HunterLab color 55.2893, -6.4000, -27.3035.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

55.2893, -6.4000, -27.3035

Protanopia

55.1434, 3.1170, -23.4099

Deuteranopia

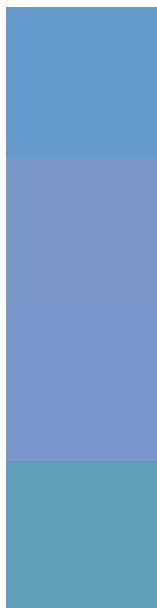
55.2644, 4.2102, -28.5186



Tritanopia

55.4706, -17.5934, -8.9289

Trichromacy



Original Color

55.2893, -6.4000, -27.3035

Protanomaly

55.2398, -0.8262, -24.6261

Deuteranomaly

55.3226, -0.1117, -27.8120

Tritanomaly

55.4364, -13.7006, -15.1697

Monochromacy



Original Color

55.2893, -6.4000, -27.3035

Achromatopsia

52.8104, -2.8178, 2.8693

Achromatomaly

53.4062, -5.3076, -7.2353

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.2893, -6.4000, -27.3035 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(101, 155, 204)` looks like.

```
.text, #text, p{  
    color:rgb(101, 155, 204)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(101, 155, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 155, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 55.2893, -6.4000, -27.3035 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(101, 155, 204) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(101, 155, 204) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(101, 155, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 155, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 155, 204);  
box-shadow:4px 4px 4px 4px rgb(101, 155,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.2893, -6.4000, -27.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 155, 204) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(101,  
155, 204) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor