

Converting Colors

HunterLab(53.1188, -0.0665,
-44.4055)

Have a look what the booklet for
HunterLab(53.1188, -0.0665,
-44.4055) contains.

HunterLab(53.1188, -0.0665, -44.4055)	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(53.1188, -0.0665,
-44.4055)**

Conversions

Conversions Part 1

Format	Color
Hex	5893DE
RGB	88, 147, 222
RGB Percent	35%, 58%, 87%
CMY	0.6549, 0.4235, 0.1294
CMYK	0.60, 0.34, 0.00, 0.13
HSL	214°, 67%, 61%
HSV	214°, 60%, 87%
XYZ	27.6430, 28.2161, 73.0965
YIQ	137.9090, -59.2390, 10.8170

Conversions

Conversions Part 2

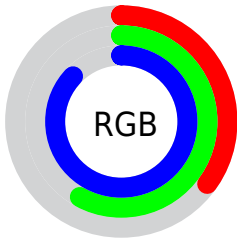
Format	Color
R_{YB}	88, 129, 222
Decimal	5805022
CIE _{Lab}	60.08, 3.33, -43.94
CIE _{LCh}	60, 44.069, 274.330
Yxy	28.2170, 0.2144, 0.2188
Android (android.graphics.Color)	4283995102 (0xFF5893DE)
YUV	137.9090, 41.4569, -43.7702
Hunter-Lab	53.1188, -0.0665, -44.4055

Details

The HunterLab color $53.1188, -0.0665, -44.4055$ is a light color, and the websafe version is hex $6699CC$. The color can be described as light muted azure. A complement of this color would be $65.1390, 9.2773, 31.8959$, and the grayscale version is $50.2358, -2.6805, 2.7294$.

A 20% lighter version of the original color is $74.3567, -7.3355, -29.7478$, and $33.6289, 0.4399, -42.8755$ is the 20% darker color. If you saturate the color by 10%, you get $48.6163, 3.1270, -54.2686$, and if you desaturate by 10%, it is $57.9188, -2.3891, -35.0964$.

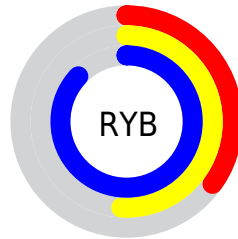
Distribution



Red (35%)

Green (58%)

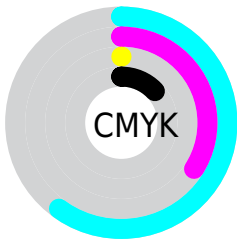
Blue (87%)



Red (35%)

Yellow (51%)

Blue (87%)

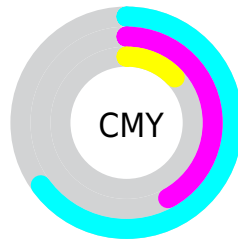


Cyan (60%)

Magenta (34%)

Yellow (0%)

Black (13%)



Cyan (65%)

Magenta (42%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.1188, -0.0665, -44.4055 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 53.1188, -0.0665, -44.4055 by changing the saturation by 10% instead.

■ 53.1188, -0.0665, -44.4055

■ 53.1188, -0.0665, -44.4055

171.3192, -5.0786, -49.8047

■ 42.9992, 0.2899, -43.7568

■ 75.3862, -0.9189, -45.8055

■ 33.6182, 0.5922, -43.2411

■ 87.4560, -1.4084, -46.4924

■ 25.0405, 0.8334, -43.0258

■ 100.1090, -1.9360, -47.1489

■ 17.3496, 1.0032, -43.4988

■ 113.3195, -2.4996, -47.7674

■ 10.6631, 1.0846, -45.7360

127.0648, -3.0972, -48.3438

■ 0.9661, 14.9561, -306.8813

141.3248, -3.7271,

0.0000, NaN, -NF

-48.8759

0.0000, NaN, -NF

156.0817, -4.3880,
-49.3629

0.0000, NaN, NaN

■ 53.1188, -0.0665,
-44.4055

■ 53.1188, -0.0665,
-44.4055

■ 48.6163, 3.1270,
-54.2686

■ 57.9188, -2.3891,
-35.0964

■ 44.4486, 7.2905,
-64.6663

■ 62.9775, -3.9537,
-26.3241

■ 40.6576, 12.4811,
-75.5068

■ 68.2648, -4.8671,
-18.0429

■ 37.3648, 18.3496,
-86.3142

■ 73.7544, -5.2245,
-10.1990

■ 79.4243, -5.1078,
-2.7372

■ 85.2561, -4.5857,
4.3942

■ 91.2343, -3.7156,
11.2423

■ 96.2778, -6.2510,
16.6584

■ 99.0222, -10.7192,
19.4508

Harmonies

Analogous

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



53.1197, -17.6770, -38.6423



53.1188, -0.0665, -44.4055



53.1197, 19.2442, -34.2990

Triad

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



53.1197, -0.0661, -44.4043



53.1197, 30.6177, 18.9229



53.1197, -31.7769, 15.7897

Complementary

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



53.1188, -0.0665, -44.4055



65.1390, 9.2773, 31.8959

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.



53.1197, -21.8131, 24.2463



53.1188, -0.0665, -44.4055



53.1197, 13.8349, 25.5615

Square

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



53.1197, -0.0661, -44.4043



53.1197, 38.4615, 5.4353



53.1197, -5.5526, 27.0984



53.1197, -34.4273, 0.2152

Rectangle

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



53.1188, -0.0665, -44.4055



53.1197, 30.0174, -21.4671



53.1197, -5.5526, 27.0984



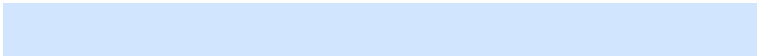
53.1197, -29.2475, 19.3544

Sweetspot

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



53.1197, -0.0661, -44.4043



87.7494, -6.1274, -9.9605



75.4428, -45.3289, 18.9386



39.7085, -2.8232, -5.8170

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.1197, -0.0661, -44.4043



55.7744, 4.6298, -66.1222



38.3037, 32.5277, -82.7992



37.7246, -2.3953, -0.9803



29.1651, 13.3362, -65.2428



8.7506, 1.3548, -13.8622

Inverse Universe

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



49.6155, 53.0551, -1.4855



53.0021, 72.9603, 0.5938



82.1221, -22.0010, 43.5513



37.1488, 2.0515, 1.1989



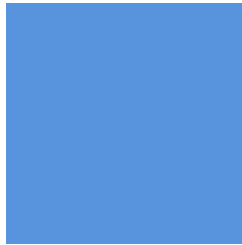
31.2518, 55.2553, 6.7394



8.3352, 14.9387, 0.2356

Previews

White Background



This preview shows how the HunterLab color 53.1188, -0.0665, -44.4055 looks on a white background.

Color Contrast Check

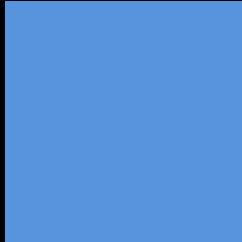
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.1188, -0.0665, -44.4055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

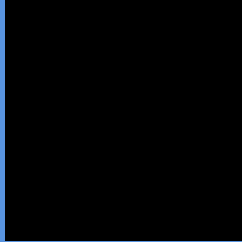
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

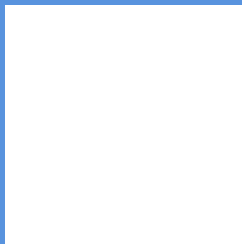
Any Text WCAG AAA × Fail

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

HunterLab 53.1188, -0.0665, -44.4055 Background



This preview shows how black text looks on a background with the HunterLab color 53.1188, -0.0665, -44.4055.

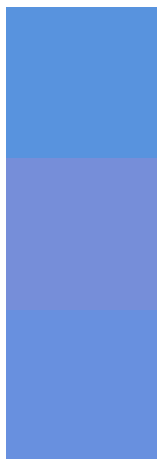


This preview shows how white text looks on a background with the HunterLab color 53.1188, -0.0665, -44.4055.

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

53.1188, -0.0665, -44.4055

Protanopia

53.1106, 6.7701, -40.4386

Deuteranopia

53.1199, 4.4943, -45.1100



Tritanopia

53.0153, -20.6330, -10.2248

Trichromacy



Original Color

53.1188, -0.0665, -44.4055

Protanomaly

53.0912, 3.9967, -42.0581

Deuteranomaly

53.0803, 2.8885, -45.2207

Tritanomaly

52.7949, -13.5319, -21.7719

Monochromacy



Original Color

53.1188, -0.0665, -44.4055

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

50.8993, -3.3925, -12.4194

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.1188, -0.0665, -44.4055 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(88, 147, 222)` looks like.

```
.text, #text, p{  
    color:rgb(88, 147, 222)  
}
```

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(88, 147, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 147, 222) }
```

Border

The CSS property to change the border of an element to HunterLab 53.1188, -0.0665, -44.4055 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(88, 147, 222) }
```


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

```
.border{ border-color:rgb(88, 147, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 147, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 147, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 147, 222);  
box-shadow:4px 4px 4px 4px rgb(88, 147,  
222) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.1188, -0.0665, -44.4055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 147, 222) }
```

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

```
.background{ background-color: rgb(88, 147,  
222) }
```

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