

Converting Colors

HunterLab(55.7456, -35.5053,
29.5100)

Have a look what the booklet for
HunterLab(55.7456, -35.5053,
29.5100) contains.

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Color

**HunterLab(55.5928,
-35.4269, 29.3666)**

Conversions

Conversions Part 1

Format	Color
Hex	5BA93A
RGB	91, 169, 58
RGB Percent	36%, 66%, 23%
CMY	0.6431, 0.3372, 0.7725
CMYK	0.46, 0.00, 0.66, 0.34
HSL	102°, 49%, 45%
HSV	102°, 66%, 66%
XYZ	19.2661, 30.9056, 8.9529
YIQ	133.0240, -10.8570, -51.0570

Conversions

Conversions Part 2

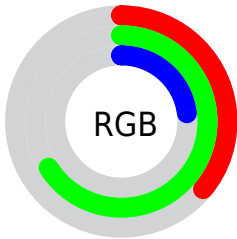
Format	Color
RYB	58, 169, 136
Decimal	6007098
CIELab	62.43, -44.34, 48.25
CIELCh	62, 65.530, 132.581
Yxy	30.9069, 0.3259, 0.5227
Android (android.graphics.Color)	4284197178 (0xFF5BA93A)
YUV	133.0240, -36.9868, -36.8550
Hunter-Lab	55.5928, -35.4269, 29.3666

Details

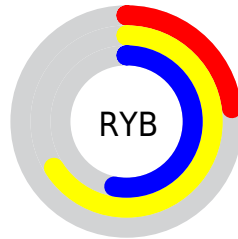
The HunterLab color $55.5928, -35.4269, 29.3666$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $33.3556, 42.3919, -45.4282$, and the grayscale version is $48.5856, -2.5924, 2.6397$.

A 20% lighter version of the original color is $78.2172, -41.5512, 36.2875$, and $35.7520, -28.5633, 21.5302$ is the 20% darker color. If you saturate the color by 10%, you get $54.9596, -38.2853, 30.9223$, and if you desaturate by 10%, it is $56.3562, -31.9989, 27.1812$.

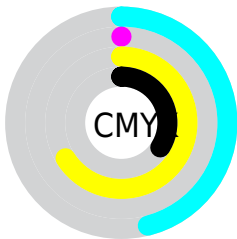
Distribution



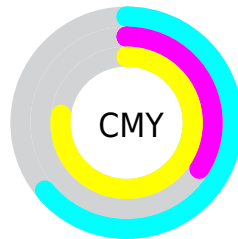
- Red (36%)
- Green (66%)
- Blue (23%)



- Red (23%)
- Yellow (66%)
- Blue (53%)



- Cyan (46%)
- Magenta (0%)
- Yellow (66%)
- Black (34%)



- Cyan (64%)
- Magenta (34%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.5928, -35.4269, 29.3666 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 55.5928, -35.4269, 29.3666 by changing the saturation by 10% instead.

■ 55.5928, -35.4269,
29.3666

■ 55.5928, -35.4269,
29.3666

174.9598,
-60.4788, 56.9881

■ 45.3078, -32.1366,
25.6769

■ 78.1623, -41.5582,
36.2171

■ 35.7483, -28.6344,
21.7595

■ 90.3714, -44.4561,
39.4364

■ 26.9756, -24.8487,
17.7057

■ 103.1573,
-47.2693, 42.5483

■ 19.0678, -20.6639,
13.3475

■ 116.4951,
-50.0124, 45.5696

■ 12.1326, -17.9160,
8.4928

■ 130.3628,
-52.6966, 48.5141

■ 5.1856, -9.0748,
3.6299

■ 144.7408,

0.0000, NaN, NaN

-55.3310, 51.3927

0.0000, NaN, NaN

159.6118,
-57.9230, 54.2149

0.0000, NaN, NaN

■ 55.5928, -35.4269,
29.3666

■ 55.5928, -35.4269,
29.3666

■ 54.9596, -38.2853,
30.9223

■ 56.3562, -31.9989,
27.1812

■ 54.4482, -40.5775,
31.8873

■ 57.2491, -28.0066,
24.3466

■ 54.0518, -42.3318,
32.3354

■ 58.2740, -23.4709,
20.8617

■ 53.9087, -42.9648,
32.4661

■ 59.4306, -18.4211,
16.7395

■ 60.7172, -12.8932,
12.0036

■ 62.1314, -6.9276,
6.6865

■ 63.6696, -0.5668,
0.8260

■ 65.3278, 6.1461,
-5.5364

■ 67.1016, 13.1693,
-12.3580

Harmonies

Analogous

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



55.5940, -14.4198, 33.6621



55.5928, -35.4269, 29.3666



55.5940, -46.2215, 16.4892

Triad

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



55.5940, -35.4279, 29.3669



55.5940, -18.4545, -73.3266



55.5940, 61.3305, 13.2342

Complementary

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



55.5928, -35.4269, 29.3666



33.3556, 42.3919, -45.4282

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.



55.5940, 59.6420, -14.9687



55.5928, -35.4269, 29.3666



55.5940, 9.4901, -75.7819

Square

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



55.5940, -35.4279, 29.3669



55.5940, -37.8663, -45.1212



55.5940, 39.2251, -50.7327



55.5940, 43.4566, 28.0199

Rectangle

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



55.5928, -35.4269, 29.3666



55.5940, -47.8380, 0.6245



55.5940, 39.2251, -50.7327



55.5940, 63.1210, 5.3252

Sweetspot

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



55.5940, -35.4279, 29.3669



80.4266, -20.7915, 19.1285



51.2502, 0.4820, 26.9571



37.3341, -10.6268, 9.7150



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



55.5940, -35.4279, 29.3669



73.2047, -52.7797, 42.0865



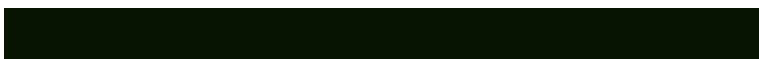
54.6435, -38.8218, 24.7138



29.1750, -4.3214, 4.1045



46.5652, -36.9784, 28.0459



7.4409, -5.0290, 4.4970

Inverse Universe

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



33.3556, 42.3919, -45.4282



39.2317, 67.4344, -76.2409



36.8270, 47.6500, -20.7841



27.4827, 1.4069, -1.2020



22.5257, 48.0535, -58.9129



3.8472, 7.9386, -7.9798

Previews

White Background



This preview shows how the HunterLab color 55.5928, -35.4269, 29.3666 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 55.5928, -35.4269, 29.3666 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 55.5928, -35.4269, 29.3666 Background



This preview shows how black text looks on a background with the HunterLab color 55.5928, -35.4269, 29.3666.



This preview shows how white text looks on a background with the HunterLab color 55.5928,

-35.4269, 29.3666.

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

55.5928, -35.4269, 29.3666

Protanopia

55.1313, -6.8031, 30.2303

Deuteranopia

55.2063, 3.8016, 28.5489



Tritanopia

55.4739, -12.9900, -7.2232

Trichromacy



Original Color

55.5928, -35.4269, 29.3666

Protanomaly

54.7405, -18.9647, 29.4840

Deuteranomaly

54.2168, -12.9401, 28.0390

Tritanomaly

55.1320, -23.1200, 10.8555

Monochromacy



Original Color

55.5928, -35.4269, 29.3666

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

50.4479, -16.2737, 14.7753

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.5928, -35.4269, 29.3666 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(91, 169, 58)` looks like.

```
.text, #text, p{  
    color:rgb(91, 169, 58)  
}
```

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(91, 169, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 169, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 55.5928, -35.4269, 29.3666 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(91, 169, 58) }
```


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

```
.border{ border-color:rgb(91, 169, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 169, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 169, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 169, 58);  
box-shadow:4px 4px 4px 4px rgb(91, 169,  
58) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.5928, -35.4269, 29.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 169, 58) }
```

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

```
.background{ background-color: rgb(91, 169,  
58) }
```

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](#).

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