

Converting Colors

HunterLab(53.8379, -3.7584,
-29.8027)

Have a look what the booklet for
HunterLab(53.8379, -3.7584,
-29.8027) contains.

| | |
|--|----|
| HunterLab(53.8490, -3.7909, -29.7839) | 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(53.8490, -3.7909,
-29.7839)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6696CC |
| RGB | 102, 150, 204 |
| RGB Percent | 40%, 59%, 80% |
| CMY | 0.6000, 0.4118, 0.2000 |
| CMYK | 0.50, 0.26, 0.00, 0.20 |
| HSL | 212°, 50%, 60% |
| HSV | 212°, 50%, 80% |
| XYZ | 27.2850, 28.9971, 61.2858 |
| YIQ | 141.8040, -45.9420, 6.6180 |

Conversions

Conversions Part 2

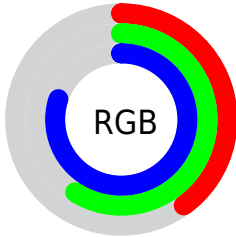
| Format | Color |
|-------------------------------------|---|
| RYB | 102, 135, 204 |
| Decimal | 6723276 |
| CIELab | 60.78, -1.11, -32.75 |
| CIElCh | 61, 32.771, 268.062 |
| Yxy | 28.9982, 0.2321, 0.2466 |
| Android (android.graphics.Color) | 4284913356 (0xFF6696CC) |
| YUV | 141.8040, 30.6626, -34.9081 |
| Hunter-Lab | 53.8490, -3.7909, -29.7839 |

Details

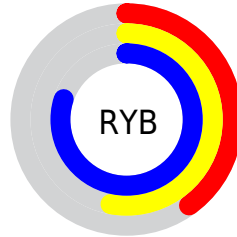
The HunterLab color **53.8490, -3.7909, -29.7839** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **61.2984, 6.8474, 25.7320**, and the grayscale version is **51.8266, -2.7653, 2.8158**.

A 20% lighter version of the original color is **75.9439, -6.5824, -27.1799**, and **34.1484, -2.2317, -29.0948** is the 20% darker color. If you saturate the color by 10%, you get **49.6585, -2.0477, -37.6439**, and if you desaturate by 10%, it is **58.2646, -4.8679, -22.3156**.

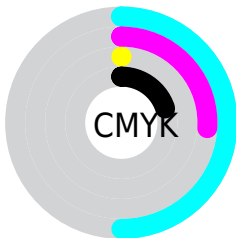
Distribution



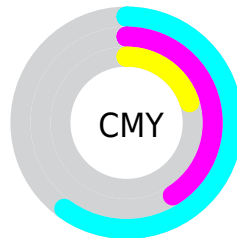
- Red (40%)
- Green (59%)
- Blue (80%)



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



- Cyan (50%)
- Magenta (26%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (41%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.8490, -3.7909, -29.7839 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 53.8490, -3.7909, -29.7839 by changing the saturation by 10% instead.

■ 53.8490, -3.7909,
-29.7839

■ 53.8490, -3.7909,
-29.7839

172.3968,
-10.5585, -33.1418

■ 43.6800, -3.1857,
-29.1813

■ 76.2065, -5.0980,
-30.8800

■ 34.2457, -2.6148,
-28.5772

■ 88.3178, -5.7969,
-31.3568

■ 25.6097, -2.0803,
-28.0330

■ 101.0104, -6.5245,
-31.7816

■ 17.8538, -1.5844,
-27.6992

■ 114.2587, -7.2797,
-32.1541

■ 11.0925, -1.1293,
-28.0011

128.0404, -8.0615,
-32.4750

■ 2.9386, -1.8003,
-62.3924

142.3356, -8.8691,

0.0000, NaN, -NF

-32.7455

0.0000, NaN, NaN

157.1264, -9.7017,
-32.9673

0.0000, NaN, NaN

■ 53.8490, -3.7909,
-29.7839

■ 53.8490, -3.7909,
-29.7839

■ 49.6585, -2.0477,
-37.6439

■ 58.2646, -4.8679,
-22.3156

■ 45.7184, 0.4534,
-45.9063

■ 62.8776, -5.3671,
-15.2169

■ 42.0600, 3.7941,
-54.5463

■ 67.6676, -5.3685,
-8.4522

■ 38.7128, 8.0235,
-63.4976

■ 72.6162, -4.9418,
-1.9844

■ 35.6732, 13.0401,
-72.7377

■ 77.7078, -4.1460,
4.2232

■ 35.6726, 13.0411,
-72.7397

■ 82.9293, -3.0312,
10.2045

■ 88.2692, -1.6392,
15.9902

■ 92.6517, -3.6780,
20.4700

■ 96.0552, -9.2813,
23.7644

Harmonies

Analogous

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



53.8500, -16.4946, -23.9038



53.8490, -3.7909, -29.7839



53.8500, 10.4955, -25.1911

Triad

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



53.8500, -3.7909, -29.7828



53.8500, 23.2274, 13.7172



53.8500, -24.0270, 14.8785

Complementary

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



53.8490, -3.7909, -29.7839



61.2984, 6.8474, 25.7320

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.



53.8500, -15.0583, 21.0995



53.8490, -3.7909, -29.7839



53.8500, 12.2464, 20.5604

Square

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



53.8500, -3.7909, -29.7828



53.8500, 27.0219, 2.0508



53.8500, -1.9553, 22.8769



53.8500, -27.4053, 3.7970

Rectangle

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



53.8490, -3.7909, -29.7839



53.8500, 18.8365, -17.3359



53.8500, -1.9553, 22.8769



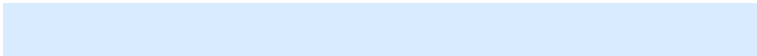
53.8500, -21.6146, 17.4887

Sweetspot

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



53.8500, -3.7909, -29.7828



90.1149, -6.7087, -6.8351



69.5470, -37.1000, 15.8796



41.0644, -3.1519, -3.9889

0.0000, NaN, NaN



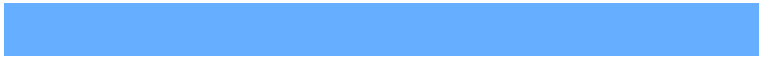
46.2646, -2.4686, 2.5136

Same Dimension

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



53.8500, -3.7909, -29.7828



63.4953, -2.4195, -49.2587



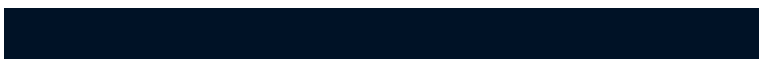
40.9741, 21.1990, -57.0448



34.2052, -2.3003, -0.7522



28.6228, 9.6807, -56.6740



7.5774, 0.1719, -9.8420

Inverse Universe

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



49.5412, 39.9837, -3.3064



58.1539, 62.8490, -3.8919



75.3288, -17.0643, 36.2236



33.6156, 1.8578, 0.9715



29.3769, 52.1812, 4.4688



6.7861, 12.2649, -0.6035

Previews

White Background



This preview shows how the HunterLab color 53.8490, -3.7909, -29.7839 looks on a white background.

Color Contrast Check

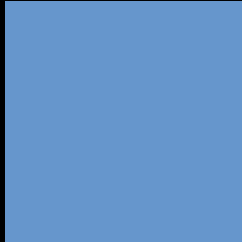
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.8490, -3.7909, -29.7839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

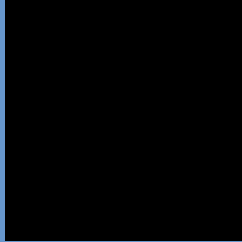
Any Text WCAG AA ✓ Pass

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 53.8490, -3.7909, -29.7839 Background



This preview shows how black text looks on a background with the HunterLab color 53.8490, -3.7909, -29.7839.



This preview shows how white text looks on a background with the HunterLab color 53.8490, -3.7909, -29.7839.

-29.7839.

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

53.8490, -3.7909, -29.7839

Protanopia

53.6804, 4.1138, -26.5296

Deuteranopia

53.5857, 4.3268, -30.8110



Tritanopia

54.0395, -16.8370, -8.1790

Trichromacy



Original Color

53.8490, -3.7909, -29.7839

Protanomaly

53.6357, 1.2095, -28.0125

Deuteranomaly

53.6167, 1.5004, -30.8045

Tritanomaly

53.7787, -12.0684, -15.8644

Monochromacy



Original Color

53.8490, -3.7909, -29.7839

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

52.4208, -4.3289, -8.0363

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.8490, -3.7909, -29.7839 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(102, 150, 204)` looks like.

```
.text, #text, p{  
    color:rgb(102, 150, 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(102, 150, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 150, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 53.8490, -3.7909, -29.7839 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(102, 150, 204) }
```


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

```
.border{ border-color:rgb(102, 150, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 150, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 150, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 150, 204);  
box-shadow:4px 4px 4px 4px rgb(102, 150,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.8490, -3.7909, -29.7839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 150, 204) }
```

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

```
.background{ background-color: rgb(102,  
150, 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](#).

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