

Converting Colors

HunterLab(21.2749, 33.6014,
5.8685)

Have a look what the booklet for
HunterLab(21.2749, 33.6014,
5.8685) contains.

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Color

**HunterLab(21.2616, 33.6183,
5.8921)**

Conversions

Conversions Part 1

Format	Color
Hex	780E30
RGB	120, 14, 48
RGB Percent	47%, 5%, 19%
CMY	0.5294, 0.9451, 0.8118
CMYK	0.00, 0.88, 0.60, 0.53
HSL	341°, 79%, 26%
HSV	341°, 88%, 47%
XYZ	8.4363, 4.5206, 3.2242
YIQ	49.5700, 52.2620, 33.0460

Conversions

Conversions Part 2

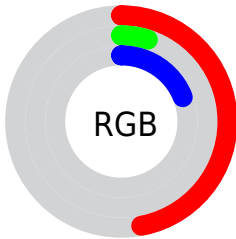
Format	Color
R_{YB}	120, 14, 48
Decimal	7867952
CIE _{Lab}	25.32, 44.92, 9.37
CIE _{LCh}	25, 45.885, 11.785
Yxy	4.5208, 0.5214, 0.2794
Android (android.graphics.Color)	4286058032 (0xFF780E30)
YUV	49.5700, -0.7740, 61.7671
Hunter-Lab	21.2616, 33.6183, 5.8921

Details

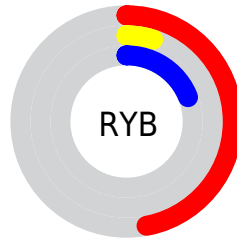
The HunterLab color **21.2616, 33.6183, 5.8921** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **37.6808, -25.3066, 8.9191**, and the grayscale version is **17.7077, -0.9448, 0.9621**.

A 20% lighter version of the original color is **38.4578, 36.9888, 8.0190**, and **10.7622, 18.4306, 6.9543** is the 20% darker color. If you saturate the color by 10%, you get **20.4668, 35.2453, 7.4522**, and if you desaturate by 10%, it is **22.4039, 31.1680, 4.3979**.

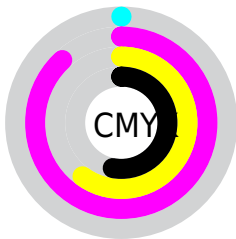
Distribution



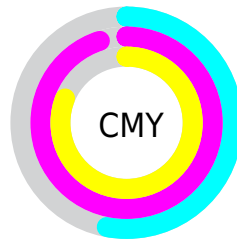
- Red (47%)
- Green (5%)
- Blue (19%)



- Red (47%)
- Yellow (5%)
- Blue (19%)



- Cyan (0%)
- Magenta (88%)
- Yellow (60%)
- Black (53%)



- Cyan (53%)
- Magenta (95%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2616, 33.6183, 5.8921 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 21.2616, 33.6183, 5.8921 by changing the saturation by 10% instead.

■ 21.2616, 33.6183,
5.8921

■ 21.2616, 33.6183,
5.8921

120.4555, 46.1799,
15.8184

■ 14.0320, 31.7924,
4.7086

■ 38.4374, 37.1621,
8.1230

■ 7.6769, 31.8576,
5.3738

■ 48.2128, 38.7724,
9.2118

0.0000, INF, NaN

0.0000, NaN, NaN

■ 58.6999, 40.2651,
10.2971

0.0000, NaN, NaN

■ 69.8533, 41.6452,
11.3847

0.0000, NaN, NaN

■ 81.6354, 42.9197,
12.4783

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.0142, 44.0958,

13.5807

0.0000, NaN, NaN

106.9622, 45.1805,
14.6936

21.2616, 33.6183,
5.8921

21.2616, 33.6183,
5.8921

20.4668, 35.2453,
7.4522

22.4039, 31.1680,
4.3979

20.3375, 35.5320,
7.6883

23.9867, 27.7755,
3.1651

25.9789, 23.7370,
2.2531

28.3332, 19.3358,
1.6684

30.9988, 14.7838,
1.3847

■ 33.9290, 10.2159,
1.3612

■ 37.0832, 5.7060,
1.5557

■ 40.4281, 1.2878,
1.9297

■ 43.9366, -3.0286,
2.4511

Harmonies

Analogous

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



21.2622, 32.3546, -8.9132



21.2616, 33.6183, 5.8921



21.2622, 23.9007, 12.3324

Triad

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



21.2622, 33.6160, 5.8926



21.2622, -16.7059, 13.0418



21.2622, -9.1671, -42.5872

Complementary

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



21.2616, 33.6183, 5.8921



37.6808, -25.3066, 8.9191

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.



21.2622, -18.1859, -25.1823



21.2616, 33.6183, 5.8921



21.2622, -21.6657, 7.8903

Square

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



21.2622, 33.6160, 5.8926



21.2622, -6.5353, 14.8836



21.2622, -22.1228, -5.0028



21.2622, 4.8631, -44.6105

Rectangle

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



21.2616, 33.6183, 5.8921



21.2622, 13.7153, 14.2542



21.2622, -22.1228, -5.0028



21.2622, -12.7760, -37.9824

Sweetspot

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



21.2622, 33.6160, 5.8926



45.6832, 12.5321, 1.8300



18.9376, 35.3254, -43.3445



21.6932, 6.9134, 0.8732



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



21.2622, 33.6160, 5.8926



26.9303, 46.9702, 10.8021



22.4509, 26.9629, 13.2080



20.0855, 0.8106, 0.9479



21.2365, 37.0918, 8.1131



46.2310, 80.4555, 19.9230

Inverse Universe

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



21.2622, 33.6160, 5.8926



26.9303, 46.9702, 10.8021



33.1937, -13.1556, -11.5156



20.0855, 0.8106, 0.9479



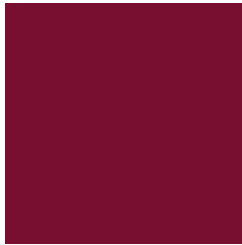
21.2365, 37.0918, 8.1131



46.2310, 80.4555, 19.9230

Previews

White Background



This preview shows how the HunterLab color 21.2616, 33.6183, 5.8921 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

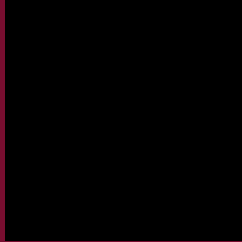
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 21.2616, 33.6183, 5.8921 Background



This preview shows how black text looks on a background with the HunterLab color 21.2616, 33.6183, 5.8921.



This preview shows how white text looks on a background with the HunterLab color 21.2616, 33.6183,

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

21.2616, 33.6183, 5.8921

Protanopia

22.1338, -0.1579, -1.4457

Deuteranopia

22.1404, 1.1906, 7.5433



Tritanopia

21.4305, 29.6218, 11.6239

Trichromacy



Original Color

21.2616, 33.6183, 5.8921

Protanomaly

20.1313, 12.1895, -0.3843

Deuteranomaly

20.3503, 13.9619, 5.5512

Tritanomaly

21.2631, 30.8317, 10.0273

Monochromacy



Original Color

21.2616, 33.6183, 5.8921

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.4377, 11.6335, 1.0689

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2616, 33.6183, 5.8921 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(120, 14, 48)` looks like.

```
.text, #text, p{  
    color:rgb(120, 14, 48)  
}
```

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(120, 14, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 14, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2616, 33.6183, 5.8921 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(120, 14, 48) }
```


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

```
.border{ border-color:rgb(120, 14, 48) }
```

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

Here you see how a box with a 4 pixel rgb(120, 14, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 14, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 14, 48);  
box-shadow:4px 4px 4px 4px rgb(120, 14,  
48) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.2616, 33.6183, 5.8921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 14, 48) }
```

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

```
.background{ background-color: rgb(120, 14,  
48) }
```

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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