

Converting Colors

HunterLab(33.3247, 6.5181,
20.6486)

Have a look what the booklet for
HunterLab(33.3247, 6.5181,
20.6486) contains.

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Color

**HunterLab(33.1799, 6.4973,
20.5590)**

Conversions

Conversions Part 1

Format	Color
Hex	7F5500
RGB	127, 85, 0
RGB Percent	50%, 33%, 0%
CMY	0.5020, 0.6667, 1.0000
CMYK	0.00, 0.33, 1.00, 0.50
HSL	40°, 100%, 25%
HSV	40°, 100%, 50%
XYZ	12.0009, 11.0091, 1.4925
YIQ	87.8680, 52.3170, -17.5310

Conversions

Conversions Part 2

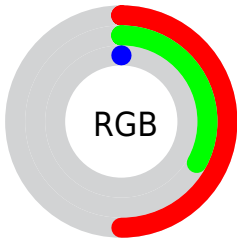
Format	Color
RYB	63, 127, 0
Decimal	8344832
CIELab	39.60, 11.20, 47.99
CIELCh	40, 49.279, 76.863
Yxy	11.0096, 0.4898, 0.4493
Android (android.graphics.Color)	4286534912 (0xFF7F5500)
YUV	87.8680, -43.3189, 34.3188
Hunter-Lab	33.1799, 6.4973, 20.5590

Details

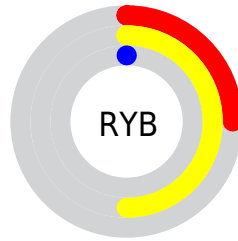
The HunterLab color **33.1799, 6.4973, 20.5590** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **17.8558, 15.3251, -55.3998**, and the grayscale version is **31.3318, -1.6718, 1.7023**.

A 20% lighter version of the original color is **52.4653, 6.8716, 28.2211**, and **17.0156, 6.2182, 10.5938** is the 20% darker color. If you saturate the color by 10%, you get **33.1804, 6.4961, 20.5593**, and if you desaturate by 10%, it is **34.2330, 4.8140, 20.5362**.

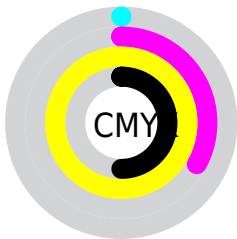
Distribution



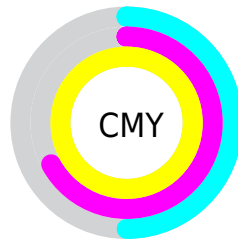
- Red (50%)
- Green (33%)
- Blue (0%)



- Red (25%)
- Yellow (50%)
- Blue (0%)



- Cyan (0%)
- Magenta (33%)
- Yellow (100%)
- Black (50%)



- Cyan (50%)
- Magenta (67%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.1799, 6.4973, 20.5590 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 33.1799, 6.4973, 20.5590 by changing the saturation by 10% instead.

33.1799, 6.4973,
20.5590

33.1799, 6.4973,
20.5590

140.6178, 5.4919,
50.3984

24.6441, 6.2469,
16.7397

52.6098, 6.7139,
28.2612

16.9991, 5.8801,
11.8994

63.3867, 6.7085,
31.7957

10.3654, 5.3641,
7.2558

74.8130, 6.6381,
35.1679

0.0000, INF, NaN

0.0000, NaN, NaN

86.8537, 6.5088,
38.4057

0.0000, NaN, NaN

99.4789, 6.3258,
41.5315

0.0000, NaN, NaN

0.0000, NaN, NaN

112.6627, 6.0931,

44.5630

0.0000, NaN, NaN

126.3824, 5.8142,
47.5148

33.1799, 6.4973,
20.5590

33.1799, 6.4973,
20.5590

33.1804, 6.4961,
20.5593

34.2330, 4.8140,
20.5362

35.3322, 3.2494,
20.2464

36.4882, 1.8672,
19.5225

37.7006, 0.6769,
18.3527

38.9681, -0.3178,
16.7384

■ 40.2892, -1.1173,
14.6894

■ 41.6619, -1.7249,
12.2214

■ 43.0842, -2.1461,
9.3533

■ 44.5539, -2.3878,
6.1061

Harmonies

Analogous

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



33.1807, 25.4685, 18.0007



33.1799, 6.4973, 20.5590



33.1807, -11.2576, 20.4182

Triad

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



33.1807, 6.4955, 20.5593



33.1807, -28.8961, -9.2776



33.1807, 27.5632, -29.6528

Complementary

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



33.1799, 6.4973, 20.5590



17.8558, 15.3251, -55.3998

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.



33.1807, 8.9151, -47.9155



33.1799, 6.4973, 20.5590



33.1807, -22.3355, -32.4762

Square

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



33.1807, 6.4955, 20.5593



33.1807, -29.2715, 8.4714



33.1807, -9.3021, -49.1604



33.1807, 39.2725, -6.6138

Rectangle

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



33.1799, 6.4973, 20.5590



33.1807, -20.1417, 18.8565



33.1807, -9.3021, -49.1604



33.1807, 21.7376, -36.9876

Sweetspot

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



33.1807, 6.4955, 20.5593



55.6179, -2.2583, 16.6100



21.6372, 37.8369, 7.9059



26.5932, -0.9639, 8.6281



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



33.1807, 6.4955, 20.5593



44.0857, 9.2999, 27.3282



42.6997, -18.2334, 25.9920



21.8797, -1.1756, 2.8388



33.3178, 6.5312, 20.6446

0.0000, NaN, NaN

Inverse Universe

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



17.8558, 15.3251, -55.3998



23.3635, 21.8950, -76.4673



13.0142, 34.0589, -82.8580



21.0382, -1.0458, -0.6194



17.9245, 15.4089, -55.6674

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 33.1799, 6.4973, 20.5590 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 × Fail

Black Background



This preview shows how the HunterLab color 33.1799, 6.4973, 20.5590 looks on a black 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

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

HunterLab 33.1799, 6.4973, 20.5590 Background



This preview shows how black text looks on a background with the HunterLab color 33.1799, 6.4973, 20.5590.



This preview shows how white text looks on a background with the HunterLab color 33.1799, 6.4973,

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

33.1799, 6.4973, 20.5590

Protanopia

33.2973, -4.7139, 20.0261

Deuteranopia

33.2666, 1.7730, 20.5298



Tritanopia

33.2763, 15.7692, 5.4679

Trichromacy



Original Color

33.1799, 6.4973, 20.5590

Protanomaly

33.2724, -0.7809, 20.2328

Deuteranomaly

33.3422, 3.3017, 20.6031

Tritanomaly

33.0106, 11.5222, 14.2743

Monochromacy



Original Color

33.1799, 6.4973, 20.5590

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

31.5067, -0.7397, 12.3607

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.1799, 6.4973, 20.5590 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(127, 85, 0)` looks like.

```
.text, #text, p{  
    color:rgb(127, 85, 0)  
}
```

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(127, 85, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 85, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 33.1799, 6.4973, 20.5590 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(127, 85, 0) }
```


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

```
.border{ border-color:rgb(127, 85, 0) }
```

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

Here you see how a box with a 4 pixel rgb(127, 85, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 85, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 85, 0);  
box-shadow:4px 4px 4px 4px rgb(127, 85, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.1799, 6.4973, 20.5590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 85, 0) }
```

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

```
.background{ background-color: rgb(127, 85,  
0) }
```

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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