

Converting Colors

HunterLab(20.3829, 33.4289,
13.8419)

Have a look what the booklet for
HunterLab(20.3829, 33.4289,
13.8419) contains.

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Color

**HunterLab(20.4291, 33.6200,
13.1769)**

Conversions

Conversions Part 1

Format	Color
Hex	790500
RGB	121, 5, 0
RGB Percent	47%, 2%, 0%
CMY	0.5255, 0.9803, 1.0000
CMYK	0.00, 0.96, 1.00, 0.53
HSL	2°, 100%, 24%
HSV	2°, 100%, 47%
XYZ	7.9394, 4.1735, 0.3871
YIQ	39.1140, 70.7410, 23.0370

Conversions

Conversions Part 2

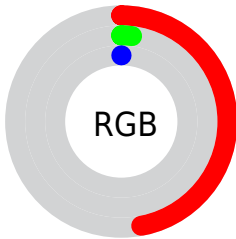
Format	Color
R_{YB}	121, 5, 0
Decimal	7931136
CIE Lab	24.24, 45.13, 36.25
CIE LCh	24, 57.887, 38.774
Yxy	4.1737, 0.6351, 0.3339
Android (android.graphics.Color)	4286121216 (0xFF790500)
YUV	39.1140, -19.2832, 71.8140
Hunter-Lab	20.4291, 33.6200, 13.1769

Details

The HunterLab color **20.4291, 33.6200, 13.1769** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **37.2397, -18.6992, -6.1802**, and the grayscale version is **14.3270, -0.7645, 0.7784**.

A 20% lighter version of the original color is **37.4744, 37.1932, 19.4878**, and **10.2799, 17.6046, 6.6426** is the 20% darker color. If you saturate the color by 10%, you get **20.4297, 33.6174, 13.1772**, and if you desaturate by 10%, it is **21.1676, 31.6540, 12.6143**.

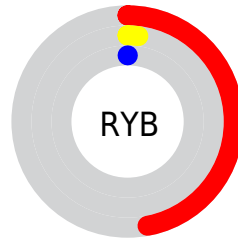
Distribution



Red (47%)

Green (2%)

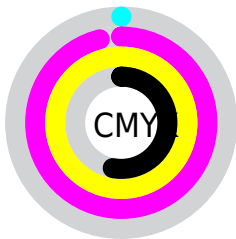
Blue (0%)



Red (47%)

Yellow (2%)

Blue (0%)

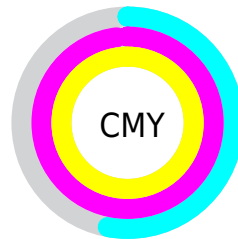


Cyan (0%)

Magenta (96%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.4291, 33.6200, 13.1769 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 20.4291, 33.6200, 13.1769 by changing the saturation by 10% instead.

■ 20.4291, 33.6200,
13.1769

■ 20.4291, 33.6200,
13.1769

■ 118.9647, 46.3427,
37.9898

■ 13.3087, 31.8037,
9.3161

■ 37.4210, 37.1946,
19.5312

■ 6.8494, 33.9655,
4.7946

■ 47.1160, 38.8253,
22.5194

0.0000, INF, NaN

0.0000, NaN, NaN

■ 57.5282, 40.3383,
25.3448

0.0000, NaN, NaN

■ 68.6112, 41.7380,
28.0424

0.0000, NaN, NaN

■ 80.3267, 43.0312,
30.6382

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 92.6421, 44.2252,


33.1518


0.0000, NaN, NaN

 105.5296, 45.3269,
35.5984

 20.4291, 33.6200,
13.1769


 20.4291, 33.6200,
13.1769


 20.4297, 33.6174,
13.1772

 21.1676, 31.6540,
12.6143

 22.2985, 28.7986,
11.9176

 23.8724, 25.2234,
10.9464

 25.8556, 21.2262,
9.7917

 28.1997, 17.0625,
8.5407

■ 30.8536, 12.9076,
7.2582

■ 33.7701, 8.8608,
5.9846

■ 36.9089, 4.9671,
4.7416

■ 40.2367, 1.2379,
3.5380

Harmonies

Analogous

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



20.4298, 45.7660, 5.5340



20.4291, 33.6200, 13.1769



20.4298, 13.0537, 14.3008

Triad

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



20.4298, 33.6174, 13.1772



20.4298, -24.4209, 9.8177



20.4298, 4.4765, -65.8184

Complementary

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



20.4291, 33.6200, 13.1769



37.2397, -18.6992, -6.1802

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.



20.4298, -12.1992, -59.8046



20.4291, 33.6200, 13.1769



20.4298, -25.3207, -4.5917

Square

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



20.4298, 33.6174, 13.1772



20.4298, -18.5990, 14.3008



20.4298, -21.7186, -32.2483



20.4298, 25.5022, -45.0013

Rectangle

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



20.4291, 33.6200, 13.1769



20.4298, -0.3430, 14.3008



20.4298, -21.7186, -32.2483



20.4298, -1.8287, -67.0860

Sweetspot

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



20.4298, 33.6174, 13.1772



44.8873, 12.2568, 8.1352



23.1268, 45.1552, -28.0782



20.8217, 6.7258, 4.1634



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.



20.4298, 33.6174, 13.1772



27.2423, 45.3118, 17.5799



27.9144, 13.4884, 17.4368



20.0979, 0.4473, 1.6995



21.1391, 34.8349, 13.6356



45.8331, 77.2169, 29.5939

Inverse Universe

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



37.2397, -18.6992, -6.1802



49.7820, -24.9602, -8.3413



20.6258, 6.2070, -39.1795



21.1786, -2.5611, 0.5666



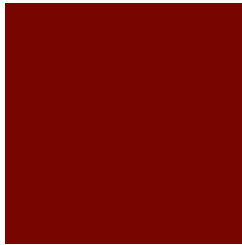
38.5457, -19.3512, -6.4050



83.9970, -42.0348, -14.2479

Previews

White Background



This preview shows how the HunterLab color 20.4291, 33.6200, 13.1769 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

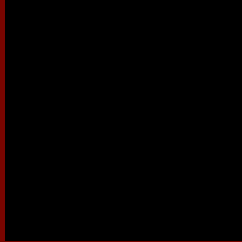
Any Text WCAG AA × Fail

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 20.4291, 33.6200, 13.1769 Background



This preview shows how black text looks on a background with the HunterLab color 20.4291, 33.6200, 13.1769.



This preview shows how white text looks on a background with the HunterLab color 20.4291, 33.6200,

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

20.4291, 33.6200, 13.1769

Protanopia

21.5409, -2.7562, 11.8759

Deuteranopia

21.4567, 0.4992, 13.2302



Tritanopia

20.5728, 32.2416, 13.2413

Trichromacy



Original Color

20.4291, 33.6200, 13.1769

Protanomaly

19.1898, 11.7383, 11.1430

Deuteranomaly

19.4376, 14.1019, 12.2242

Tritanomaly

20.4657, 32.5947, 13.1815

Monochromacy



Original Color

20.4291, 33.6200, 13.1769

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.5577, 11.5741, 5.4273

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.4291, 33.6200, 13.1769 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(121, 5, 0)` looks like.

```
.text, #text, p{  
    color:rgb(121, 5, 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(121, 5, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 5, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 20.4291, 33.6200, 13.1769 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(121, 5, 0) }
```


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

```
.border{ border-color:rgb(121, 5, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 5, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 5, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(121, 5, 0); box-shadow:4px  
4px 4px 4px rgb(121, 5, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.4291, 33.6200, 13.1769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 5, 0) }
```

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

```
.background{ background-color: rgb(121, 5,  
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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