

Converting Colors

HunterLab(20.4229, 31.8410,
13.1419)

Have a look what the booklet for
HunterLab(20.4229, 31.8410,
13.1419) contains.

HunterLab(20.3992, 31.9189, 13.1287)	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>	30

Color

**HunterLab(20.3992, 31.9189,
13.1287)**

Conversions

Conversions Part 1

Format	Color
Hex	770B00
RGB	119, 11, 0
RGB Percent	47%, 4%, 0%
CMY	0.5333, 0.9568, 1.0000
CMYK	0.00, 0.91, 1.00, 0.53
HSL	6°, 100%, 23%
HSV	6°, 100%, 47%
XYZ	7.7274, 4.1613, 0.3959
YIQ	42.0380, 67.8990, 19.4750

Conversions

Conversions Part 2

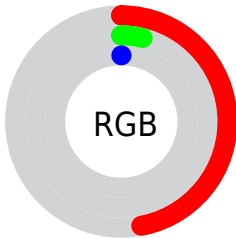
Format	Color
R_YB	119, 12, 0
Decimal	7801600
CIE Lab	24.20, 43.34, 36.06
CIE LCh	24, 56.376, 39.762
Yxy	4.1615, 0.6290, 0.3387
Android (android.graphics.Color)	4285991680 (0xFF770B00)
YUV	42.0380, -20.7247, 67.4957
Hunter-Lab	20.3992, 31.9189, 13.1287

Details

The HunterLab color **20.3992, 31.9189, 13.1287** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **34.7193, -16.0766, -8.6913**, and the grayscale version is **15.2806, -0.8153, 0.8302**.

A 20% lighter version of the original color is **37.4769, 35.5402, 19.4607**, and **10.1199, 17.3307, 6.5393** is the 20% darker color. If you saturate the color by 10%, you get **20.3998, 31.9164, 13.1290**, and if you desaturate by 10%, it is **21.2481, 29.6583, 12.6506**.

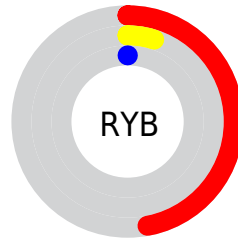
Distribution



Red (47%)

Green (4%)

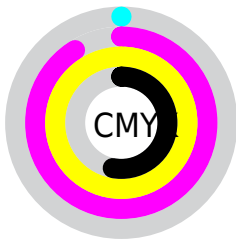
Blue (0%)



Red (47%)

Yellow (5%)

Blue (0%)

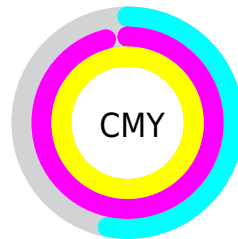


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (96%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3992, 31.9189, 13.1287 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 20.3992, 31.9189, 13.1287 by changing the saturation by 10% instead.

■ 20.3992, 31.9189,
13.1287

■ 20.3992, 31.9189,
13.1287

■ 118.9109, 44.0874,
37.8406

■ 13.2828, 30.1246,
9.2980

■ 37.3844, 35.3859,
19.4617

■ 6.8176, 32.2119,
4.7723

■ 47.0765, 36.9531,
22.4362

0.0000, INF, NaN

0.0000, NaN, NaN

■ 57.4860, 38.4010,
25.2488

0.0000, NaN, NaN

■ 68.5664, 39.7354,
27.9345

0.0000, NaN, NaN

■ 80.2795, 40.9639,
30.5191

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.5926, 42.0942,


33.0221

0.0000, NaN, NaN


 105.4779, 43.1332,
35.4587


 20.3992, 31.9189,
13.1287


 20.3992, 31.9189,
13.1287


 20.3998, 31.9164,
13.1290

 21.2481, 29.6583,
12.6506

 22.4794, 26.5967,
12.0667

 24.0937, 23.0341,
11.2013

 26.0571, 19.2168,
10.1280

 28.3270, 15.3372,
8.9201

■ 30.8610, 11.5196,
7.6357

■ 33.6206, 7.8311,
6.3149

■ 36.5728, 4.2993,
4.9826

■ 39.6902, 0.9280,
3.6531

Harmonies

Analogous

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



20.3998, 44.0209, 5.8423



20.3992, 31.9189, 13.1287



20.3998, 11.9615, 14.2799

Triad

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



20.3998, 31.9164, 13.1290



20.3998, -24.0949, 9.3926



20.3998, 4.9601, -62.7340

Complementary

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



20.3992, 31.9189, 13.1287



34.7193, -16.0766, -8.6913

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.



20.3998, -11.5100, -57.9086



20.3992, 31.9189, 13.1287



20.3998, -24.8486, -5.1243

Square

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



20.3998, 31.9164, 13.1290



20.3998, -18.5123, 14.2799



20.3998, -21.1051, -31.9920



20.3998, 25.3262, -42.2597

Rectangle

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



20.3992, 31.9189, 13.1287



20.3998, -0.9488, 14.2799



20.3998, -21.1051, -31.9920



20.3998, -1.2299, -64.2532

Sweetspot

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



20.3998, 31.9164, 13.1290



44.6995, 10.8485, 8.5860



22.4228, 43.3316, -23.7425



21.1345, 6.0939, 4.4751



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.



20.3998, 31.9164, 13.1290



27.1070, 43.3421, 17.4620



28.6872, 10.5363, 17.8614



19.3660, 0.2936, 1.7058



21.0089, 32.9579, 13.5226



45.7420, 74.8634, 29.4966

Inverse Universe

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



34.7193, -16.0766, -8.6913



46.3472, -21.3710, -11.7960



18.9146, 8.9194, -42.8959



20.2488, -2.3273, 0.4600



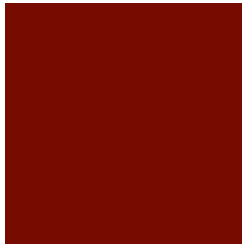
35.7769, -16.5583, -8.9733



78.5559, -36.0233, -20.4242

Previews

White Background



This preview shows how the HunterLab color 20.3992, 31.9189, 13.1287 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

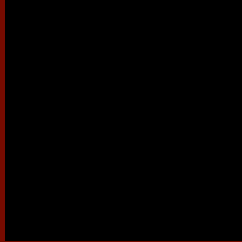
Any Text WCAG AA × Fail

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 20.3992, 31.9189, 13.1287 Background



This preview shows how black text looks on a background with the HunterLab color 20.3992, 31.9189, 13.1287.



This preview shows how white text looks on a background with the HunterLab color 20.3992, 31.9189,

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

20.3992, 31.9189, 13.1287

Protanopia

21.4498, -3.0944, 11.9139

Tritanopia

20.4207, 32.0017, 12.8099

Trichromacy



Original Color

20.3992, 31.9189, 13.1287

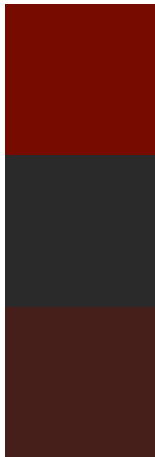
Protanomaly

19.4317, 10.5389, 11.2820

Tritanomaly

20.4153, 31.9810, 12.8895

Monochromacy



Original Color

20.3992, 31.9189, 13.1287

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.3662, 10.4397, 5.6504

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3992, 31.9189, 13.1287 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(119, 11, 0)` looks like.

```
.text, #text, p{  
    color:rgb(119, 11, 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(119, 11, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 11, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3992, 31.9189, 13.1287 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(119, 11, 0) }
```

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

```
.border{ border-color:rgb(119, 11, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 11, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 11, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 11, 0);  
box-shadow:4px 4px 4px 4px rgb(119, 11, 0)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 20.3992, 31.9189, 13.1287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 11, 0) }
```

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

```
.background{ background-color: rgb(119, 11,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor