

Converting Colors

HunterLab(20.1893, 30.9415,
12.7285)

Have a look what the booklet for
HunterLab(20.1893, 30.9415,
12.7285) contains.

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Color

**HunterLab(20.1899, 30.9443,
12.7297)**

Conversions

Conversions Part 1

Format	Color
Hex	750D03
RGB	117, 13, 3
RGB Percent	46%, 5%, 1%
CMY	0.5412, 0.9490, 0.9882
CMYK	0.00, 0.89, 0.97, 0.54
HSL	5°, 95%, 24%
HSV	5°, 97%, 46%
XYZ	7.4965, 4.0763, 0.4778
YIQ	42.9560, 65.1940, 18.9380

Conversions

Conversions Part 2

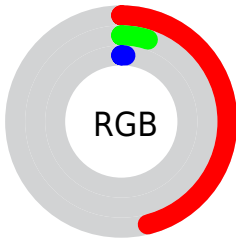
Format	Color
R_{YB}	117, 14, 3
Decimal	7671043
CIE _{Lab}	23.92, 42.34, 34.41
CIE _{LCh}	24, 54.563, 39.099
Yxy	4.0766, 0.6221, 0.3383
Android (android.graphics.Color)	4285861123 (0xFF750D03)
YUV	42.9560, -19.6983, 64.9366
Hunter-Lab	20.1899, 30.9443, 12.7297

Details

The HunterLab color **20.1899, 30.9443, 12.7297** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **34.3754, -15.9938, -8.1252**, and the grayscale version is **15.5775, -0.8312, 0.8464**.

A 20% lighter version of the original color is **37.0245, 34.4600, 18.7644**, and **9.8013, 16.7851, 6.3334** is the 20% darker color. If you saturate the color by 10%, you get **20.0123, 31.4073, 12.8813**, and if you desaturate by 10%, it is **21.1088, 28.5130, 12.2682**.

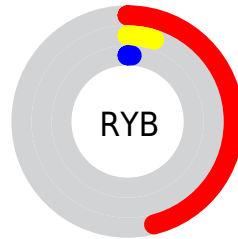
Distribution



Red (46%)

Green (5%)

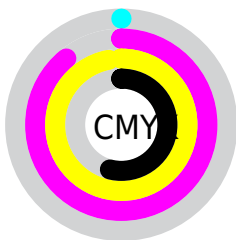
Blue (1%)



Red (46%)

Yellow (5%)

Blue (1%)

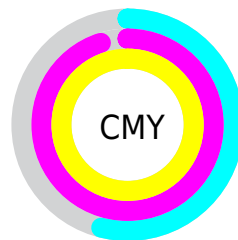


Cyan (0%)

Magenta (89%)

Yellow (97%)

Black (54%)



Cyan (54%)

Magenta (95%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1899, 30.9443, 12.7297 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 20.1899, 30.9443, 12.7297 by changing the saturation by 10% instead.

■ 20.1899, 30.9443,
12.7297

■ 20.1899, 30.9443,
12.7297

■ 118.5338, 42.8232,
36.5772

■ 13.1015, 29.1667,
9.1710

■ 37.1282, 34.3541,
18.8794

■ 6.5902, 31.8813,
4.6131

■ 46.7997, 35.8883,
21.7365

0.0000, INF, NaN

0.0000, NaN, NaN

■ 57.1901, 37.3025,
24.4400

0.0000, NaN, NaN

■ 68.2526, 38.6030,
27.0237

0.0000, NaN, NaN

■ 79.9487, 39.7979,
29.5126


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.2457, 40.8949,


31.9254


0.0000, NaN, NaN


 105.1155, 41.9012,
34.2766


 20.1899, 30.9443,
12.7297


 20.1899, 30.9443,
12.7297


 20.0123, 31.4073,
12.8813

 21.1088, 28.5130,
12.2682

 22.4115, 25.3672,
11.6061

 24.0861, 21.7831,
10.6884

 26.0958, 17.9953,
9.5904

 28.3979, 14.1785,
8.3813

■ 30.9512, 10.4411,
7.1135

■ 33.7187, 6.8389,
5.8217

■ 36.6691, 3.3923,
4.5267

■ 39.7766, 0.1016,
3.2399

Harmonies

Analogous

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



20.1905, 42.2207, 5.4121



20.1899, 30.9443, 12.7297



20.1905, 11.9108, 14.1334

Triad

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



20.1905, 30.9419, 12.7300



20.1905, -23.3922, 9.3248



20.1905, 4.3373, -59.7144

Complementary

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



20.1899, 30.9443, 12.7297



34.3754, -15.9938, -8.1252

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.



20.1905, -11.4376, -54.5950



20.1899, 30.9443, 12.7297



20.1905, -24.2307, -4.4430

Square

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



20.1905, 30.9419, 12.7300



20.1905, -17.7928, 14.1334



20.1905, -20.6537, -29.8507



20.1905, 23.8547, -40.7888

Rectangle

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



20.1899, 30.9443, 12.7297



20.1905, -0.5635, 14.1334



20.1905, -20.6537, -29.8507



20.1905, -1.5882, -60.9486

Sweetspot

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



20.1905, 30.9419, 12.7300



44.2418, 10.2488, 8.1916



22.1790, 42.0612, -23.1511



20.6102, 5.6909, 4.2078



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



20.1905, 30.9419, 12.7300



26.5922, 42.6490, 17.1326



28.4718, 9.8053, 17.5364



19.3594, 0.3049, 1.6984



20.9773, 33.0620, 13.5049



45.6916, 75.0325, 29.4685

Inverse Universe

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



34.3754, -15.9938, -8.1252



45.7481, -21.2814, -11.2406



19.0470, 8.0010, -40.5105



20.2558, -2.3383, 0.4682



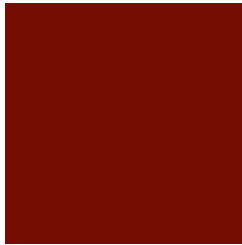
35.9536, -16.7792, -8.7174



78.9668, -36.5387, -19.8251

Previews

White Background



This preview shows how the HunterLab color 20.1899, 30.9443, 12.7297 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

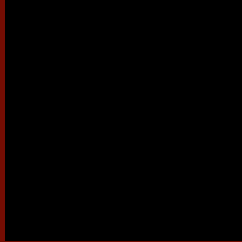
Any Text WCAG AA × Fail

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 20.1899, 30.9443, 12.7297 Background



This preview shows how black text looks on a background with the HunterLab color 20.1899, 30.9443, 12.7297.



This preview shows how white text looks on a background with the HunterLab color 20.1899, 30.9443,

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

20.1899, 30.9443, 12.7297

Protanopia

21.1175, -3.0027, 11.6911

Tritanopia

20.2225, 31.0709, 12.2472

Trichromacy



Original Color

20.1899, 30.9443, 12.7297

Protanomaly

19.1917, 9.8553, 11.0202

Tritanomaly

20.2116, 31.0288, 12.4079

Monochromacy



Original Color

20.1899, 30.9443, 12.7297

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.5530, 10.1040, 5.5725

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1899, 30.9443, 12.7297 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(117, 13, 3)` looks like.

```
.text, #text, p{  
    color:rgb(117, 13, 3)  
}
```

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(117, 13, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 13, 3) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1899, 30.9443, 12.7297 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(117, 13, 3) }
```

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

```
.border{ border-color:rgb(117, 13, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 13, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 13, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 13, 3);  
box-shadow:4px 4px 4px 4px rgb(117, 13, 3)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 20.1899, 30.9443, 12.7297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 13, 3) }
```

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

```
.background{ background-color: rgb(117, 13,  
3) }
```

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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