

Converting Colors

HunterLab(18.4155, 42.9891,
10.8777)

Have a look what the booklet for
HunterLab(18.4155, 42.9891,
10.8777) contains.

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Color

**HunterLab(20.4123, 35.0991,
12.0865)**

Conversions

Conversions Part 1

Format	Color
Hex	7A000D
RGB	122, 0, 13
RGB Percent	48%, 0%, 5%
CMY	0.5216, 0.9999, 0.9490
CMYK	0.00, 1.00, 0.89, 0.52
HSL	354°, 100%, 24%
HSV	354°, 100%, 48%
XYZ	8.0987, 4.1666, 0.7581
YIQ	37.9600, 68.5390, 29.9070

Conversions

Conversions Part 2

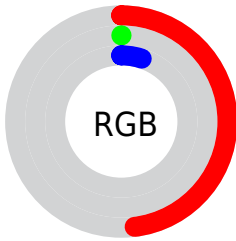
Format	Color
RYB	122, 0, 13
Decimal	7995405
CIELab	24.22, 46.68, 30.91
CIElCh	24, 55.982, 33.510
Yxy	4.1669, 0.6218, 0.3199
Android (android.graphics.Color)	4286185485 (0xFF7A000D)
YUV	37.9600, -12.3053, 73.7031
Hunter-Lab	20.4123, 35.0991, 12.0865

Details

The HunterLab color **20.4123, 35.0991, 12.0865** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **38.7601, -23.0640, 1.3430**, and the grayscale version is **13.9342, -0.7435, 0.7571**.

A 20% lighter version of the original color is **37.4315, 38.9081, 17.8201**, and **10.4403, 17.8793, 6.7462** is the 20% darker color. If you saturate the color by 10%, you get **20.4122, 35.0986, 12.0876**, and if you desaturate by 10%, it is **21.1453, 33.2627, 11.2040**.

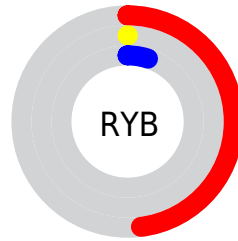
Distribution



Red (48%)

Green (0%)

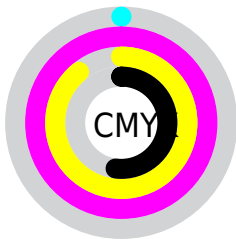
Blue (5%)



Red (48%)

Yellow (0%)

Blue (5%)

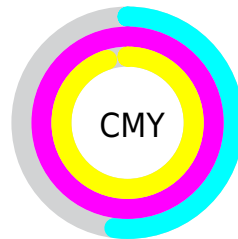


Cyan (0%)

Magenta (100%)

Yellow (89%)

Black (52%)



Cyan (52%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.4123, 35.0991, 12.0865 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 20.4123, 35.0991, 12.0865 by changing the saturation by 10% instead.

■ 20.4123, 35.0991,
12.0865

■ 20.4123, 35.0991,
12.0865

■ 118.9345, 48.2928,
34.0182

■ 13.2942, 33.2699,
9.3059

■ 37.4005, 38.7621,
17.8166

■ 6.8315, 35.6494,
4.7821

■ 47.0938, 40.4467,
20.4095

0.0000, INF, NaN

0.0000, NaN, NaN

■ 57.5045, 42.0152,
22.8703

0.0000, NaN, NaN

■ 68.5861, 43.4708,
25.2296

0.0000, NaN, NaN

■ 80.3002, 44.8196,
27.5094


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.6143, 46.0685,


29.7263


0.0000, NaN, NaN


 105.5005, 47.2241,
31.8926


 20.4123, 35.0991,
12.0865


 20.4123, 35.0991,
12.0865


 20.4122, 35.0986,
12.0876

 21.1453, 33.2627,
11.2040

 22.1995, 30.7968,
10.0126

 23.7311, 27.3916,
8.7211

 25.7100, 23.3607,
7.4435

 28.0852, 19.0076,
6.2599

■ 30.8003, 14.5565,
5.2115

■ 33.8027, 10.1443,
4.3101

■ 37.0470, 5.8407,
3.5501

■ 40.4960, 1.6723,
2.9176

Harmonies

Analogous

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



20.4130, 44.3565, 2.9702



20.4123, 35.0991, 12.0865



20.4130, 16.1358, 14.2891

Triad

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



20.4130, 35.0965, 12.0869



20.4130, -23.2773, 10.8367



20.4130, 1.0047, -63.3188

Complementary

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



20.4123, 35.0991, 12.0865



38.7601, -23.0640, 1.3430

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.



20.4130, -14.0044, -53.0726



20.4123, 35.0991, 12.0865



20.4130, -24.9455, -0.9411

Square

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



20.4130, 35.0965, 12.0869



20.4130, -16.5082, 14.2891



20.4130, -22.2099, -25.5324



20.4130, 20.9332, -47.4390

Rectangle

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



20.4123, 35.0991, 12.0865



20.4130, 2.8426, 14.2891



20.4130, -22.2099, -25.5324



20.4130, -4.7463, -62.8479

Sweetspot

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



20.4130, 35.0965, 12.0869



44.5316, 13.8809, 5.7981



21.3987, 43.2085, -37.0731



20.6382, 7.5751, 2.9569



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.



20.4130, 35.0965, 12.0869



27.0540, 46.4784, 16.3372



24.8045, 21.6002, 15.6616



20.0533, 0.6370, 1.4076



20.9429, 36.0079, 12.4282



45.6707, 78.3844, 28.1780

Inverse Universe

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



20.4130, 35.0965, 12.0869



27.0540, 46.4784, 16.3372



25.4357, -2.0887, -27.2816



20.0533, 0.6370, 1.4076



20.9429, 36.0079, 12.4282



45.6707, 78.3844, 28.1780

Previews

White Background



This preview shows how the HunterLab color 20.4123, 35.0991, 12.0865 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

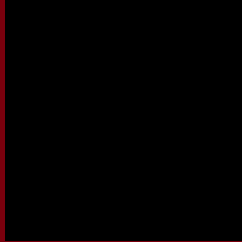
Any Text WCAG AA × Fail

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 20.4123, 35.0991, 12.0865 Background



This preview shows how black text looks on a background with the HunterLab color 20.4123, 35.0991, 12.0865.



This preview shows how white text looks on a background with the HunterLab color 20.4123, 35.0991,

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

20.4123, 35.0991, 12.0865

Protanopia

21.8550, -2.7852, 11.0738

Deuteranopia

21.5541, 0.8300, 13.2961



Tritanopia

20.7468, 32.5646, 13.3542

Trichromacy



Original Color

20.4123, 35.0991, 12.0865

Protanomaly

18.9110, 12.9329, 9.8043

Deuteranomaly

19.2712, 15.4138, 11.7029

Tritanomaly

20.5618, 33.3666, 12.8402

Monochromacy



Original Color

20.4123, 35.0991, 12.0865

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

14.1675, 13.0379, 4.0937

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.4123, 35.0991, 12.0865 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(122, 0, 13)` looks like.

```
.text, #text, p{  
  color:rgb(122, 0, 13)  
}
```

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(122, 0, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 0, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 20.4123, 35.0991, 12.0865 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(122, 0, 13) }
```


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

```
.border{ border-color:rgb(122, 0, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 0, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 0, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 0, 13);  
box-shadow:4px 4px 4px 4px rgb(122, 0, 13)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.4123, 35.0991, 12.0865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 0, 13) }
```

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

```
.background{ background-color: rgb(122, 0,  
13) }
```

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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