

Converting Colors

HunterLab(21.2223, 7.8128,
12.1160)

Have a look what the booklet for
HunterLab(21.2223, 7.8128,
12.1160) contains.

HunterLab(21.2616, 7.9284, 12.1783)	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>	31

Color

**HunterLab(21.2616, 7.9284,
12.1783)**

Conversions

Conversions Part 1

Format	Color
Hex	59330D
RGB	89, 51, 13
RGB Percent	35%, 20%, 5%
CMY	0.6510, 0.8000, 0.9490
CMYK	0.00, 0.43, 0.85, 0.65
HSL	30°, 75%, 20%
HSV	30°, 85%, 35%
XYZ	5.3763, 4.5206, 0.9700
YIQ	58.0300, 34.8460, -3.7620

Conversions

Conversions Part 2

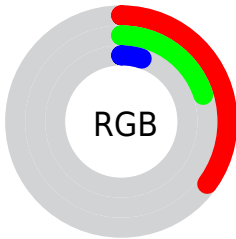
Format	Color
RYB	89, 89, 13
Decimal	5845773
CIELab	25.32, 13.82, 29.79
CIELCh	25, 32.835, 65.115
Yxy	4.5208, 0.4947, 0.4160
Android (android.graphics.Color)	4284035853 (0xFF59330D)
YUV	58.0300, -22.1998, 27.1607
Hunter-Lab	21.2616, 7.9284, 12.1783

Details

The HunterLab color **21.2616, 7.9284, 12.1783** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **17.8166, 0.4090, -20.4658**, and the grayscale version is **20.6457, -1.1016, 1.1217**.

A 20% lighter version of the original color is **38.5752, 8.6548, 17.7688**, and **7.7782, 7.5822, 4.9256** is the 20% darker color. If you saturate the color by 10%, you get **20.3231, 9.5884, 12.3473**, and if you desaturate by 10%, it is **22.2642, 6.3473, 11.8221**.

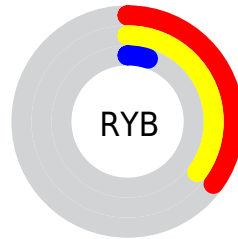
Distribution



Red (35%)

Green (20%)

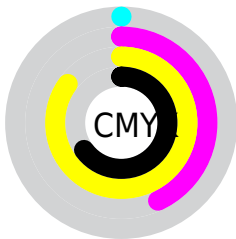
Blue (5%)



Red (35%)

Yellow (35%)

Blue (5%)

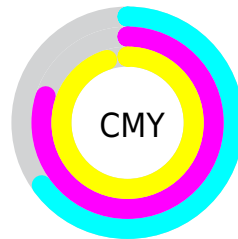


Cyan (0%)

Magenta (43%)

Yellow (85%)

Black (65%)



Cyan (65%)

Magenta (80%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2616, 7.9284, 12.1783 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 21.2616, 7.9284, 12.1783 by changing the saturation by 10% instead.

■ 21.2616, 7.9284,
12.1783

■ 21.2616, 7.9284,
12.1783

■ 120.4554, 8.8997,
33.3860

■ 14.0319, 7.3327,
9.8223

■ 38.4373, 8.7173,
17.7106

■ 7.6768, 7.4613,
5.3738

■ 48.2127, 8.9567,
20.2054

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.6998, 9.1116,
22.5786

0.0000, NaN, NaN

■ 69.8532, 9.1918,
24.8586


0.0000, NaN, NaN


■ 81.6352, 9.2051,
27.0657


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.0141, 9.1576,


 106.9621, 9.0545,
31.3192

 21.2616, 7.9284,
12.1783

 21.2616, 7.9284,
12.1783

 20.3231, 9.5884,
12.3473


 22.2642, 6.3473,
11.8221

 19.9070, 10.3488,
12.4478

 23.3307, 4.8872,
11.2023

 24.4573, 3.5522,
10.3305

 25.6400, 2.3428,
9.2227

 26.8746, 1.2562,
7.8969

■ 28.1573, 0.2876,
6.3713

■ 29.4844, -0.5694,
4.6636

■ 30.8528, -1.3217,
2.7905

■ 32.2594, -1.9765,
0.7671

Harmonies

Analogous

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



21.2622, 17.7675, 9.4354



21.2616, 7.9284, 12.1783



21.2622, -2.8852, 12.7474

Triad

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



21.2622, 7.9271, 12.1785



21.2622, -17.5806, -0.6050



21.2622, 11.5995, -20.9536

Complementary

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



21.2616, 7.9284, 12.1783



17.8166, 0.4090, -20.4658

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.



21.2622, 0.6723, -27.7484



21.2616, 7.9284, 12.1783



21.2622, -15.1173, -12.9083

Square

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



21.2622, 7.9271, 12.1785



21.2622, -16.3752, 7.6945



21.2622, -8.8960, -24.2583



21.2622, 20.1567, -8.4771

Rectangle

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



21.2616, 7.9284, 12.1783



21.2622, -8.9577, 12.1676



21.2622, -8.8960, -24.2583



21.2622, 8.0114, -24.1936

Sweetspot

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



21.2622, 7.9271, 12.1785



36.5580, 0.5474, 8.6268



16.2810, 24.8056, -0.9391



18.2190, 0.4079, 4.5638



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



21.2622, 7.9271, 12.1785



25.6744, 14.2999, 16.0708



30.4919, -7.9058, 17.9101



15.0543, -0.5353, 1.7023



23.9353, 13.1052, 14.9782



55.1258, 34.7557, 34.5767

Inverse Universe

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



17.8166, 0.4090, -20.4658



20.4821, 3.9112, -34.0440



10.4629, 17.7401, -46.7990



14.8565, -1.0194, -0.1194



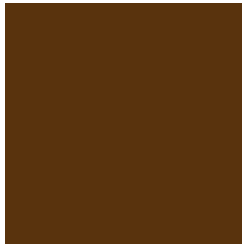
19.1310, 3.4436, -31.3458



43.3196, 12.0944, -80.2540

Previews

White Background



This preview shows how the HunterLab color 21.2616, 7.9284, 12.1783 looks on a white background.

Color Contrast Check

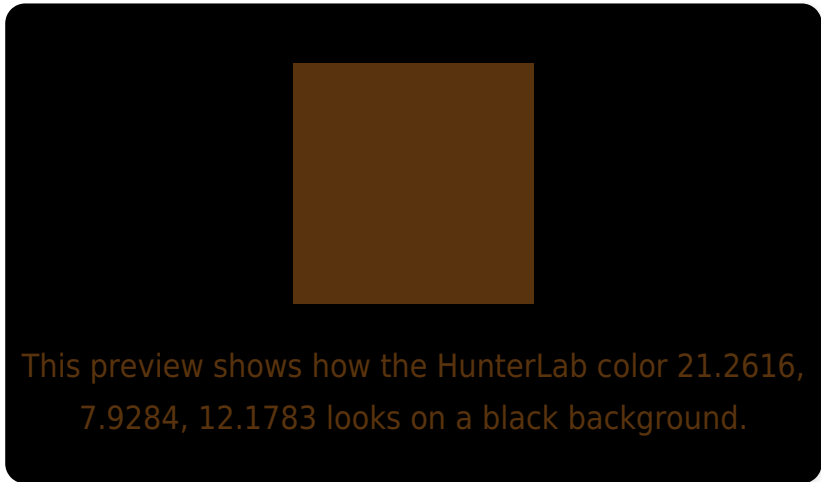
Large Text (above 18pt) WCAG AA ✓ Pass

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

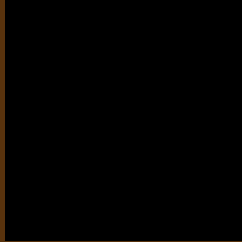
Any Text WCAG AA × Fail

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 21.2616, 7.9284, 12.1783 Background



This preview shows how black text looks on a background with the HunterLab color 21.2616, 7.9284, 12.1783.



This preview shows how white text looks on a background with the HunterLab color 21.2616, 7.9284,

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

21.2616, 7.9284, 12.1783

Protanopia

21.4566, -3.0565, 11.8133

Deuteranopia

21.5026, 0.7469, 12.5503



Tritanopia

21.3941, 12.3613, 4.7196

Trichromacy



Original Color

21.2616, 7.9284, 12.1783

Protanomaly

21.2067, 1.0166, 11.8217

Deuteranomaly

21.2217, 3.3561, 12.3332

Tritanomaly

21.2223, 10.3719, 8.3688

Monochromacy



Original Color

21.2616, 7.9284, 12.1783

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.4077, 1.3580, 6.2350

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2616, 7.9284, 12.1783 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(89, 51, 13)` looks like.

```
.text, #text, p{  
    color:rgb(89, 51, 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(89, 51, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 51, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2616, 7.9284, 12.1783 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(89, 51, 13) }
```


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

```
.border{ border-color:rgb(89, 51, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 51, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 51, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 51, 13);  
box-shadow:4px 4px 4px 4px rgb(89, 51, 13)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.2616, 7.9284, 12.1783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 51, 13) }
```

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

```
.background{ background-color: rgb(89, 51,  
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](#).

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