

Converting Colors

HunterLab(21.3176, 14.8735,
12.6297)

Have a look what the booklet for
HunterLab(21.3176, 14.8735,
12.6297) contains.

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Color

**HunterLab(21.2899, 14.8172,
12.5784)**

Conversions

Conversions Part 1

Format	Color
Hex	642C0A
RGB	100, 44, 10
RGB Percent	39%, 17%, 4%
CMY	0.6078, 0.8274, 0.9608
CMYK	0.00, 0.56, 0.90, 0.61
HSL	23°, 82%, 22%
HSV	23°, 90%, 39%
XYZ	6.2110, 4.5326, 0.8347
YIQ	56.8680, 44.2900, 1.2980

Conversions

Conversions Part 2

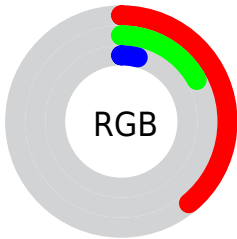
Format	Color
R_{YB}	100, 65, 10
Decimal	6564874
CIE Lab	25.36, 23.12, 31.78
CIE LCh	25, 39.302, 53.971
Yxy	4.5328, 0.5364, 0.3915
Android (android.graphics.Color)	4284754954 (0xFF642C0A)
YUV	56.8680, -23.1059, 37.8268
Hunter-Lab	21.2899, 14.8172, 12.5784

Details

The HunterLab color **21.2899, 14.8172, 12.5784** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **22.0924, -3.3254, -18.8012**, and the grayscale version is **20.2487, -1.0804, 1.1002**.

A 20% lighter version of the original color is **38.5044, 16.7157, 18.4533**, and **7.7739, 13.3131, 5.0233** is the 20% darker color. If you saturate the color by 10%, you get **20.2030, 17.1411, 12.7489**, and if you desaturate by 10%, it is **22.4952, 12.4652, 12.3351**.

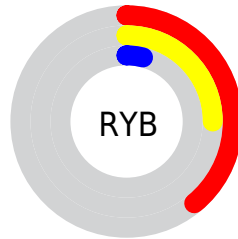
Distribution



Red (39%)

Green (17%)

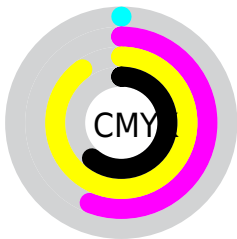
Blue (4%)



Red (39%)

Yellow (25%)

Blue (4%)

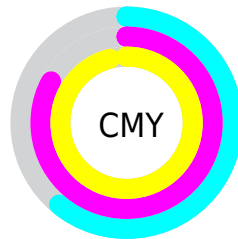


Cyan (0%)

Magenta (56%)

Yellow (90%)

Black (61%)



Cyan (61%)

Magenta (83%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2899, 14.8172, 12.5784 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 21.2899, 14.8172, 12.5784 by changing the saturation by 10% instead.

■ 21.2899, 14.8172,
12.5784

■ 21.2899, 14.8172,
12.5784

■ 120.5059, 19.6423,
34.9307

■ 14.0566, 13.6969,
9.8396

■ 38.4718, 16.6001,
18.4274

■ 7.7032, 13.4474,
5.3923

■ 48.2499, 17.3023,
21.0674

0.0000, INF, NaN

0.0000, NaN, NaN

■ 58.7395, 17.8986,
23.5743

0.0000, NaN, NaN

■ 69.8953, 18.4011,
25.9783

0.0000, NaN, NaN

■ 81.6796, 18.8195,
28.3012

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.0606, 19.1616,

■ 107.0106, 19.4341,
32.7663

■ 21.2899, 14.8172,
12.5784

■ 21.2899, 14.8172,
12.5784

■ 20.2030, 17.1411,
12.7489

■ 22.4952, 12.4652,
12.3351

■ 20.2028, 17.1414,
12.7490

■ 23.8222, 10.2064,
11.8005

■ 25.2606, 8.0688,
10.9946

■ 26.8001, 6.0679,
9.9441

■ 28.4307, 4.2085,
8.6771

■ 30.1434, 2.4888,
7.2203

■ 31.9302, 0.9026,
5.5981

■ 33.7840, -0.5588,
3.8317

■ 35.6985, -1.9050,
1.9392

Harmonies

Analogous

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



21.2905, 25.3846, 8.4785



21.2899, 14.8172, 12.5784



21.2905, 1.4308, 14.0000

Triad

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



21.2905, 14.8156, 12.5787



21.2905, -20.0666, 3.4105



21.2905, 9.4636, -31.8197

Complementary

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



21.2899, 14.8172, 12.5784



22.0924, -3.3254, -18.8012

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.



21.2905, -3.5888, -36.0905



21.2899, 14.8172, 12.5784



21.2905, -18.8642, -10.2952

Square

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



21.2905, 14.8156, 12.5787



21.2905, -17.2172, 10.6609



21.2905, -13.4456, -26.6280



21.2905, 21.8318, -17.0099

Rectangle

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



21.2899, 14.8172, 12.5784



21.2905, -6.6031, 13.8160



21.2905, -13.4456, -26.6280



21.2905, 4.9427, -34.7920

Sweetspot

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



21.2905, 14.8156, 12.5787



40.4262, 2.8166, 9.1036



18.2528, 30.4217, -5.4691



19.7841, 1.6475, 4.7542



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



21.2905, 14.8156, 12.5787



26.3773, 23.6601, 16.6678



31.1619, -4.1257, 18.5831



17.3206, -0.3599, 1.8541



23.1980, 20.3001, 14.6499



51.4720, 50.3392, 32.5981

Inverse Universe

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



22.0924, -3.3254, -18.8012



27.3595, -2.4129, -28.9882



12.4840, 16.9352, -49.2706



17.3790, -1.4373, -0.0013



24.0606, -2.3513, -24.9979



53.3581, -2.7616, -60.7315

Previews

White Background



This preview shows how the HunterLab color 21.2899, 14.8172, 12.5784 looks on a white background.

Color Contrast Check

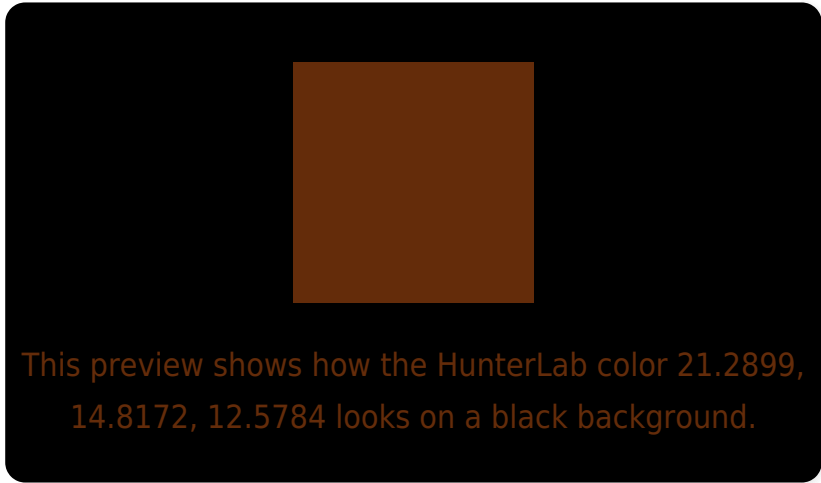
Large Text (above 18pt) WCAG AA ✓ Pass

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

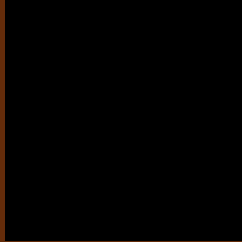
Any Text WCAG AA × Fail

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 21.2899, 14.8172, 12.5784 Background



This preview shows how black text looks on a background with the HunterLab color 21.2899, 14.8172, 12.5784.



This preview shows how white text looks on a background with the HunterLab color 21.2899, 14.8172, 12.5784.

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

21.2899, 14.8172, 12.5784

Protanopia

21.5341, -2.7939, 11.9760

Tritanopia

21.2942, 18.1807, 6.8050

Trichromacy



Original Color

21.2899, 14.8172, 12.5784

Protanomaly

21.1351, 3.1061, 12.0095

Tritanomaly

21.2765, 16.9246, 9.5989

Monochromacy



Original Color

21.2899, 14.8172, 12.5784

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.0640, 3.6648, 6.4953

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2899, 14.8172, 12.5784 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(100, 44, 10)` looks like.

```
.text, #text, p{  
    color:rgb(100, 44, 10)  
}
```

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(100, 44, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 44, 10) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2899, 14.8172, 12.5784 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(100, 44, 10) }
```

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

```
.border{ border-color:rgb(100, 44, 10) }
```

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

Here you see how a box with a 4 pixel rgb(100, 44, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 44, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 44, 10);  
box-shadow:4px 4px 4px 4px rgb(100, 44,  
10) }
```


Background

The CSS property to change the background color of an element to HunterLab 21.2899, 14.8172, 12.5784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 44, 10) }
```

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

```
.background{ background-color: rgb(100, 44,  
10) }
```

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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