

Converting Colors

HunterLab(21.1795, -2.3290,
12.6690)

Have a look what the booklet for
HunterLab(21.1795, -2.3290,
12.6690) contains.

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Color

**HunterLab(21.3133, -2.4283,
12.7711)**

Conversions

Conversions Part 1

Format	Color
Hex	463C04
RGB	70, 60, 4
RGB Percent	27%, 24%, 2%
CMY	0.7255, 0.7647, 0.9843
CMYK	0.00, 0.14, 0.94, 0.73
HSL	51°, 89%, 15%
HSV	51°, 94%, 27%
XYZ	4.1636, 4.5426, 0.7722
YIQ	56.6060, 23.9360, -15.2960

Conversions

Conversions Part 2

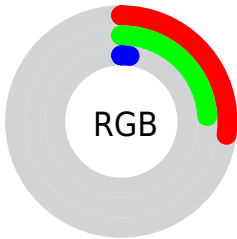
Format	Color
RYB	16, 70, 4
Decimal	4602884
CIELab	25.39, -2.15, 32.73
CIElCh	25, 32.800, 93.756
Yxy	4.5428, 0.4393, 0.4793
Android (android.graphics.Color)	4282792964 (0xFF463C04)
YUV	56.6060, -25.9348, 11.7465
Hunter-Lab	21.3133, -2.4283, 12.7711

Details

The HunterLab color **21.3133, -2.4283, 12.7711** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **8.8435, 11.0178, -33.2046**, and the grayscale version is **20.1733, -1.0764, 1.0961**.

A 20% lighter version of the original color is **38.4959, -3.6556, 18.8333**, and **7.6944, -1.2728, 4.7190** is the 20% darker color. If you saturate the color by 10%, you get **21.1444, -2.3050, 12.9887**, and if you desaturate by 10%, it is **21.6111, -2.6478, 12.4015**.

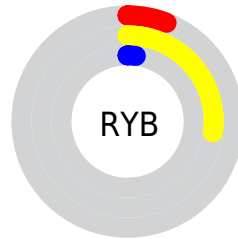
Distribution



Red (27%)

Green (24%)

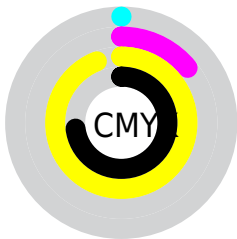
Blue (2%)



Red (6%)

Yellow (27%)

Blue (2%)

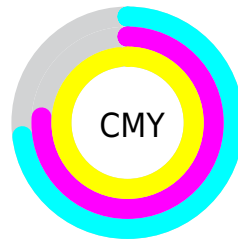


Cyan (0%)

Magenta (14%)

Yellow (94%)

Black (73%)



Cyan (73%)

Magenta (76%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.3133, -2.4283, 12.7711 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 21.3133, -2.4283, 12.7711 by changing the saturation by 10% instead.

■ 21.3133, -2.4283,
12.7711

■ 21.3133, -2.4283,
12.7711

■ 120.5475, -8.7574,
35.6538

■ 14.0769, -1.8716,
9.8538

■ 38.5002, -3.6345,
18.7575

■ 7.7249, -1.6246,
5.4074

■ 48.2805, -4.2825,
21.4663

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.7722, -4.9599,
24.0365

0.0000, NaN, NaN

■ 69.9300, -5.6658,
26.4993

0.0000, NaN, NaN

■ 81.7161, -6.3993,
28.8773

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.0988, -7.1596,


31.1875


0.0000, NaN, NaN


 107.0506, -7.9459,
33.4429


 21.3133, -2.4283,
12.7711

 21.3133, -2.4283,
12.7711


 21.1444, -2.3050,
12.9887

 21.6111, -2.6478,
12.4015

 21.9189, -2.8170,
11.9088

 22.2432, -2.9025,
11.2036

 22.5847, -2.9008,
10.2781

 22.9438, -2.8097,
9.1281

■ 23.3206, -2.6280,
7.7521

■ 23.7153, -2.3555,
6.1508

■ 24.1278, -1.9928,
4.3270

■ 24.5581, -1.5409,
2.2847

Harmonies

Analogous

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



21.3138, 8.4174, 12.1259



21.3133, -2.4283, 12.7711



21.3138, -11.1271, 11.6742

Triad

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



21.3138, -2.4292, 12.7713



21.3138, -15.3150, -12.3037



21.3138, 19.8621, -9.0502

Complementary

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



21.3133, -2.4283, 12.7711



8.8435, 11.0178, -33.2046

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.



21.3138, 11.1145, -21.4096



21.3133, -2.4283, 12.7711



21.3138, -9.2602, -23.8358

Square

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



21.3138, -2.4292, 12.7713



21.3138, -17.6122, -0.1204



21.3138, 0.1839, -27.7820



21.3138, 22.6376, 2.3659

Rectangle

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



21.3133, -2.4283, 12.7711



21.3138, -14.9565, 9.6052



21.3138, 0.1839, -27.7820



21.3138, 17.4499, -13.3813

Sweetspot

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



21.3138, -2.4292, 12.7713



31.0219, -3.2968, 9.1785



11.9308, 18.8496, 5.4355



15.6229, -1.7032, 4.8604



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



21.3138, -2.4292, 12.7713



27.7466, -2.8129, 17.0481



22.3996, -11.8581, 13.2908



12.9851, -0.9312, 1.7033



30.1308, -2.9944, 18.5140



73.6704, -6.2295, 45.2863

Inverse Universe

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



8.8435, 11.0178, -33.2046



10.3960, 17.5003, -50.7722



8.6527, 17.3479, -34.0680



12.2647, -0.3842, -0.4022



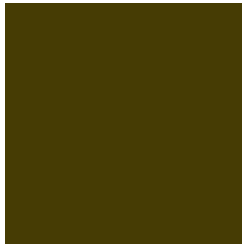
11.1936, 19.4078, -55.8869



25.9020, 54.1906, -149.3572

Previews

White Background



This preview shows how the HunterLab color 21.3133, -2.4283, 12.7711 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

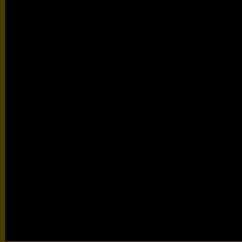
Any Text WCAG AA × Fail

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 21.3133, -2.4283, 12.7711 Background



This preview shows how black text looks on a background with the HunterLab color 21.3133, -2.4283, 12.7711.



This preview shows how white text looks on a background with the HunterLab color 21.3133, -2.4283, 12.7711.

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

21.3133, -2.4283, 12.7711

Protanopia

21.3897, -3.4293, 12.8018

Deuteranopia

21.1667, 0.8012, 12.4133



Tritanopia

21.3800, 4.1411, 1.3917

Trichromacy



Original Color

21.3133, -2.4283, 12.7711

Protanomaly

21.4743, -3.1266, 12.8605

Deuteranomaly

21.2068, -0.2834, 12.5006

Tritanomaly

21.1120, 1.2584, 7.3934

Monochromacy



Original Color

21.3133, -2.4283, 12.7711

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.4699, -2.2542, 7.2628

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.3133, -2.4283, 12.7711 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(70, 60, 4)` looks like.

```
.text, #text, p{  
    color:rgb(70, 60, 4)  
}
```

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(70, 60, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 60, 4) }
```

Border

The CSS property to change the border of an element to HunterLab 21.3133, -2.4283, 12.7711 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(70, 60, 4) }
```


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

```
.border{ border-color:rgb(70, 60, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 60, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 60, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(70, 60, 4); box-shadow:4px  
4px 4px 4px rgb(70, 60, 4) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.3133, -2.4283, 12.7711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 60, 4) }
```

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

```
.background{ background-color: rgb(70, 60,  
4) }
```

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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