

Converting Colors

HunterLab(21.3958, 36.7770,
12.8332)

Have a look what the booklet for
HunterLab(21.3958, 36.7770,
12.8332) contains.

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Color

**HunterLab(21.4843, 36.9160,
12.9249)**

Conversions

Conversions Part 1

Format	Color
Hex	80000C
RGB	128, 0, 12
RGB Percent	50%, 0%, 5%
CMY	0.4980, 0.9999, 0.9529
CMYK	0.00, 1.00, 0.91, 0.50
HSL	354°, 100%, 25%
HSV	354°, 100%, 50%
XYZ	8.9685, 4.6158, 0.7661
YIQ	39.6400, 72.4360, 30.8680

Conversions

Conversions Part 2

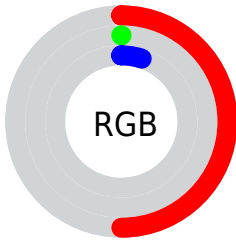
Format	Color
RYB	128, 0, 12
Decimal	8388620
CIELab	25.61, 48.27, 33.20
CIELCh	26, 58.586, 34.520
Yxy	4.6160, 0.6250, 0.3217
Android (android.graphics.Color)	4286578700 (0xFF80000C)
YUV	39.6400, -13.6265, 77.4917
Hunter-Lab	21.4843, 36.9160, 12.9249

Details

The HunterLab color **21.4843, 36.9160, 12.9249** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **40.8652, -24.0225, 0.7811**, and the grayscale version is **14.4791, -0.7726, 0.7867**.

A 20% lighter version of the original color is **38.7060, 40.3432, 19.0201**, and **11.2482, 19.2628, 7.2683** is the 20% darker color. If you saturate the color by 10%, you get **21.4841, 36.9156, 12.9260**, and if you desaturate by 10%, it is **22.2185, 35.0640, 12.0564**.

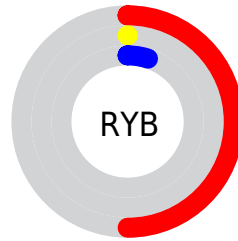
Distribution



Red (50%)

Green (0%)

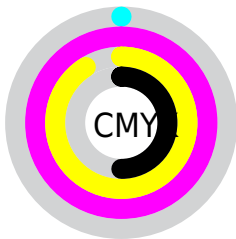
Blue (5%)



Red (50%)

Yellow (0%)

Blue (5%)

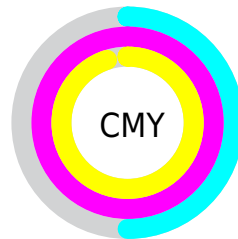


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (50%)



Cyan (50%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4843, 36.9160, 12.9249 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 21.4843, 36.9160, 12.9249 by changing the saturation by 10% instead.

■ 21.4843, 36.9160,
12.9249

■ 21.4843, 36.9160,
12.9249

■ 120.8522, 50.4643,
36.0565

■ 14.2260, 35.0514,
9.9582

■ 38.7086, 40.6467,
18.9771

■ 7.8819, 34.9154,
5.5173

■ 48.5052, 42.3691,
21.7167

0.0000, INF, NaN

0.0000, NaN, NaN

■ 59.0121, 43.9775,
24.3160

0.0000, NaN, NaN

■ 70.1841, 45.4742,
26.8061

0.0000, NaN, NaN

■ 81.9838, 46.8647,
29.2099

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.3794, 48.1557,


31.5446


0.0000, NaN, NaN


 107.3435, 49.3536,
33.8234


 21.4843, 36.9160,
12.9249


 21.4843, 36.9160,
12.9249

 21.4841, 36.9156,
12.9260

 22.2185, 35.0640,
12.0564

 23.3101, 32.4861,
10.8475

 24.9114, 28.9021,
9.5047

 26.9913, 24.6469,
8.1510

 29.4957, 20.0470,
6.8764

■ 32.3641, 15.3446,
5.7300

■ 35.5398, 10.6869,
4.7287

■ 38.9741, 6.1485,
3.8695

■ 42.6267, 1.7575,
3.1398

Harmonies

Analogous

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



21.4850, 47.3133, 3.6784



21.4843, 36.9160, 12.9249



21.4850, 16.4792, 15.0395

Triad

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



21.4850, 36.9132, 12.9253



21.4850, -24.8188, 11.2532



21.4850, 1.7402, -67.7594

Complementary

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



21.4843, 36.9160, 12.9249



40.8652, -24.0225, 0.7811

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.



21.4850, -14.4557, -57.6711



21.4843, 36.9160, 12.9249



21.4850, -26.4191, -1.6840

Square

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



21.4850, 36.9132, 12.9253



21.4850, -17.8734, 15.0395



21.4850, -23.3676, -28.3703



21.4850, 23.0717, -49.8867

Rectangle

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



21.4843, 36.9160, 12.9249



21.4850, 2.3713, 15.0395



21.4850, -23.3676, -28.3703



21.4850, -4.4536, -67.5961

Sweetspot

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



21.4850, 36.9132, 12.9253



46.8500, 14.6101, 6.3616



22.8415, 45.9359, -38.1305



21.9295, 8.1250, 3.2978



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



21.4850, 36.9132, 12.9253



28.4886, 48.9139, 17.4292



26.4106, 22.0109, 16.6584



20.8574, 0.6664, 1.4955



21.3937, 36.7608, 12.8677

0.0000, NaN, NaN

Inverse Universe

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



21.4850, 36.9132, 12.9253



28.4886, 48.9139, 17.4292



26.1520, -1.1492, -30.2047



20.8574, 0.6664, 1.4955



21.3937, 36.7608, 12.8677

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 21.4843, 36.9160, 12.9249 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

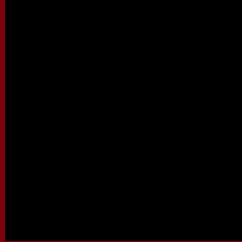
Any Text WCAG AA × Fail

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 21.4843, 36.9160, 12.9249 Background



This preview shows how black text looks on a background with the HunterLab color 21.4843, 36.9160, 12.9249.



This preview shows how white text looks on a background with the HunterLab color 21.4843, 36.9160,

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

21.4843, 36.9160, 12.9249

Protanopia

22.8477, -3.1280, 11.9203

Deuteranopia

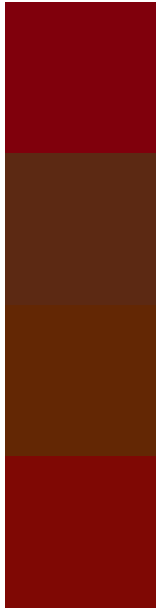
22.6524, 0.9275, 13.9746



Tritanopia

21.8517, 34.3292, 14.0659

Trichromacy



Original Color

21.4843, 36.9160, 12.9249

Protanomaly

19.7692, 13.4765, 10.5699

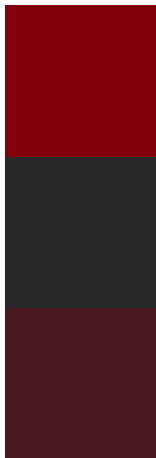
Deuteranomaly

20.2792, 16.3826, 12.4469

Tritanomaly

21.6667, 35.0854, 13.6508

Monochromacy



Original Color

21.4843, 36.9160, 12.9249

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.7198, 13.7058, 4.3627

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4843, 36.9160, 12.9249 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(128, 0, 12)` looks like.

```
.text, #text, p{  
    color:rgb(128, 0, 12)  
}
```

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(128, 0, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 0, 12) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4843, 36.9160, 12.9249 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(128, 0, 12) }
```


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

```
.border{ border-color:rgb(128, 0, 12) }
```

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

Here you see how a box with a 4 pixel rgb(128, 0, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 0, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 0, 12);  
box-shadow:4px 4px 4px 4px rgb(128, 0, 12)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.4843, 36.9160, 12.9249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 0, 12) }
```

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

```
.background{ background-color: rgb(128, 0,  
12) }
```

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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