

Converting Colors

HunterLab(30.3914, -12.1356,
14.2137)

Have a look what the booklet for
HunterLab(30.3914, -12.1356,
14.2137) contains.

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Color

**HunterLab(30.3940,
-12.1220, 14.2434)**

Conversions

Conversions Part 1

Format	Color
Hex	495C2A
RGB	73, 92, 42
RGB Percent	29%, 36%, 16%
CMY	0.7137, 0.6392, 0.8353
CMYK	0.21, 0.00, 0.54, 0.64
HSL	83°, 37%, 26%
HSV	83°, 54%, 36%
XYZ	6.9927, 9.2380, 3.6050
YIQ	80.6190, 4.7260, -19.5780

Conversions

Conversions Part 2

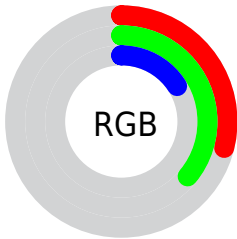
Format	Color
R_{YB}	42, 92, 61
Decimal	4807722
CIE Lab	36.44, -16.52, 26.19
CIE LCh	36, 30.964, 122.240
Yxy	9.2384, 0.3525, 0.4657
Android (android.graphics.Color)	4282997802 (0xFF495C2A)
YUV	80.6190, -19.0392, -6.6819
Hunter-Lab	30.3940, -12.1220, 14.2434

Details

The HunterLab color $[30.3940, -12.1220, 14.2434]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[18.4959, 12.8419, -20.8369]$, and the grayscale version is $[28.6131, -1.5267, 1.5546]$.

A 20% lighter version of the original color is $[49.2729, -15.0618, 18.7255]$, and $[14.8353, -8.4445, 8.9936]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.0784, -13.5335, 15.4897]$, and if you desaturate by 10%, it is $[30.7448, -10.5529, 12.6751]$.

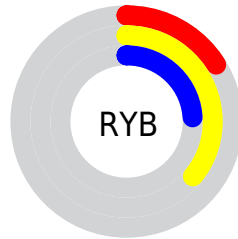
Distribution



Red (29%)

Green (36%)

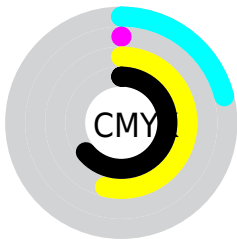
Blue (16%)



Red (16%)

Yellow (36%)

Blue (24%)

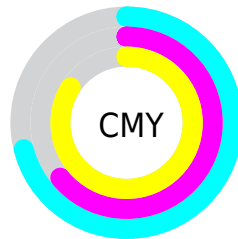


Cyan (21%)

Magenta (0%)

Yellow (54%)

Black (64%)



Cyan (71%)

Magenta (64%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.3940, -12.1220, 14.2434 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 30.3940, -12.1220, 14.2434 by changing the saturation by 10% instead.

30.3940, -12.1220,
14.2434

30.3940, -12.1220,
14.2434

136.0684,
-25.4034, 32.6191

22.1291, -10.4617,
11.7089

49.3485, -15.2328,
18.8186

14.7883, -8.6727,
9.7482

59.9120, -16.7263,
20.9435

8.4431, -8.9759,
5.9102

71.1373, -18.1961,
22.9952

0.0000, NaN, NaN

0.0000, NaN, NaN

82.9875, -19.6500,
24.9904

0.0000, NaN, NaN

95.4311, -21.0938,
26.9420

0.0000, NaN, NaN

0.0000, NaN, NaN

108.4411,

-22.5319, 28.8593

0.0000, NaN, NaN

121.9939,
-23.9676, 30.7497

■ 30.3940, -12.1220,
14.2434

■ 30.3940, -12.1220,
14.2434

■ 30.0784, -13.5335,
15.4897

■ 30.7448, -10.5529,
12.6751

■ 29.7952, -14.7860,
16.4242

■ 31.1294, -8.8252,
10.7786

■ 29.5436, -15.8838,
17.0639

■ 31.5488, -6.9430,
8.5526

■ 29.3195, -16.8485,
17.4696

■ 32.0030, -4.9109,
5.9996

■ 29.1988, -17.3717,
17.6880

■ 32.4919, -2.7348,
3.1253

■ 33.0153, -0.4216,
-0.0622

■ 33.5727, 2.0212,
-3.5526

■ 34.1636, 4.5859,
-7.3340

■ 34.7872, 7.2641,
-11.3932

Harmonies

Analogous

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



30.3947, -2.4472, 15.6916



30.3940, -12.1220, 14.2434



30.3947, -18.1953, 9.6261

Triad

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



30.3947, -12.1228, 14.2436



30.3947, -10.8778, -22.1375



30.3947, 22.5838, 2.4319

Complementary

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



30.3940, -12.1220, 14.2434



18.4959, 12.8419, -20.8369

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.



30.3947, 19.4951, -9.3128



30.3940, -12.1220, 14.2434



30.3947, -0.7907, -26.1699

Square

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



30.3947, -12.1228, 14.2436



30.3947, -17.5517, -11.1845



30.3947, 10.5283, -20.8134



30.3947, 18.4588, 10.5638

Rectangle

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



30.3940, -12.1220, 14.2434



30.3947, -19.9005, 4.2526



30.3947, 10.5283, -20.8134



30.3947, 22.3541, -1.1955

Sweetspot

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



30.3947, -12.1228, 14.2436



42.2041, -7.0938, 8.7029



23.8947, 6.4818, 9.4017



21.0925, -3.7307, 4.5849



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



30.3947, -12.1228, 14.2436



39.6858, -18.3742, 20.8673



29.0975, -17.2052, 13.1648



16.2708, -1.8793, 2.2449



35.0780, -21.0809, 21.2459



81.7683, -50.6126, 49.4992

Inverse Universe

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



18.4959, 12.8419, -20.8369



20.8932, 21.9295, -37.0317



20.9185, 19.1716, -15.4743



15.2271, 0.2373, -0.6372



12.6630, 30.5158, -60.2665



28.8152, 70.5961, -146.1011

Previews

White Background



This preview shows how the HunterLab color 30.3940, -12.1220, 14.2434 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

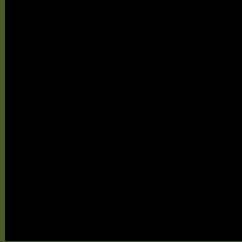
Any Text WCAG AA × Fail

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 30.3940, -12.1220, 14.2434 Background



This preview shows how black text looks on a background with the HunterLab color 30.3940, -12.1220, 14.2434.



This preview shows how white text looks on a background with the HunterLab color 30.3940, -12.1220, 14.2434.

-12.1220, 14.2434.

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

30.3940, -12.1220, 14.2434

Protanopia

30.4001, -3.7013, 14.7524

Deuteranopia

30.3765, 1.5882, 13.9000



Tritanopia

30.5159, -2.5582, -1.3618

Trichromacy



Original Color

30.3940, -12.1220, 14.2434

Protanomaly

30.2750, -6.8724, 14.4267

Deuteranomaly

30.2731, -4.0583, 13.9162

Tritanomaly

30.3594, -6.8629, 5.9350

Monochromacy



Original Color

30.3940, -12.1220, 14.2434

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

29.1924, -5.8171, 7.1013

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.3940, -12.1220, 14.2434 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(73, 92, 42)` looks like.

```
.text, #text, p{  
    color:rgb(73, 92, 42)  
}
```

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(73, 92, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 92, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 30.3940, -12.1220, 14.2434 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(73, 92, 42) }
```


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

```
.border{ border-color:rgb(73, 92, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 92, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 92, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 92, 42);  
box-shadow:4px 4px 4px 4px rgb(73, 92, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.3940, -12.1220, 14.2434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 92, 42) }
```

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

```
.background{ background-color: rgb(73, 92,  
42) }
```

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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