

Converting Colors

HunterLab(33.5502, -12.0253,
6.3560)

Have a look what the booklet for
HunterLab(33.5502, -12.0253,
6.3560) contains.

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Color

**HunterLab(33.5502,
-12.0253, 6.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	476552
RGB	71, 101, 82
RGB Percent	28%, 40%, 32%
CMY	0.7216, 0.6039, 0.6784
CMYK	0.30, 0.00, 0.19, 0.60
HSL	142°, 17%, 34%
HSV	142°, 30%, 40%
XYZ	8.7752, 11.2562, 9.6928
YIQ	89.8640, -11.7810, -12.2690

Conversions

Conversions Part 2

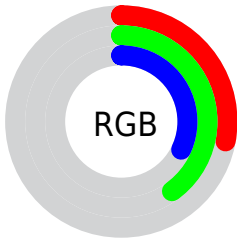
Format	Color
RYB	71, 93, 101
Decimal	4678994
CIELab	40.01, -15.43, 7.27
CIELCh	40, 17.058, 154.791
Yxy	11.2566, 0.2952, 0.3787
Android (android.graphics.Color)	4282869074 (0xFF476552)
YUV	89.8640, -3.8770, -16.5437
Hunter-Lab	33.5502, -12.0253, 6.3560

Details

The HunterLab color **33.5502, -12.0253, 6.3560** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **28.3049, 10.1619, -2.6435**, and the grayscale version is **31.9427, -1.7044, 1.7355**.

A 20% lighter version of the original color is **52.9983, -15.0443, 8.3721**, and **17.2960, -8.8111, 4.5036** is the 20% darker color. If you saturate the color by 10%, you get **32.8832, -14.8627, 7.8038**, and if you desaturate by 10%, it is **34.3115, -8.8859, 4.8836**.

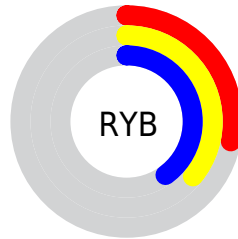
Distribution



Red (28%)

Green (40%)

Blue (32%)



Red (28%)

Yellow (36%)

Blue (40%)

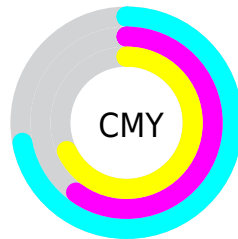


Cyan (30%)

Magenta (0%)

Yellow (19%)

Black (60%)



Cyan (72%)

Magenta (60%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5502, -12.0253, 6.3560 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 33.5502, -12.0253, 6.3560 by changing the saturation by 10% instead.

■ 33.5502, -12.0253,
6.3560

■ 33.5502, -12.0253,
6.3560

141.2161,
-24.7400, 15.3544

■ 24.9794, -10.4786,
5.3971

■ 53.0413, -14.9608,
8.2723

■ 17.2956, -8.8356,
4.4205

■ 63.8457, -16.3830,
9.2414

■ 10.6172, -7.2072,
3.5309

■ 75.2980, -17.7884,
10.2225

■ 0.3222, -0.5639,
0.2256

■ 87.3634, -19.1836,
11.2173

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.0121,
-20.5733, 12.2272

0.0000, NaN, NaN

113.2185,

0.0000, NaN, NaN

-21.9608, 13.2530

0.0000, NaN, NaN

126.9598,
-23.3491, 14.2953

■ 33.5502, -12.0253,
6.3560

■ 33.5502, -12.0253,
6.3560

■ 32.8832, -14.8627,
7.8038

■ 34.3115, -8.8859,
4.8836

■ 32.3089, -17.3714,
9.2106

■ 35.1635, -5.4714,
3.3993

■ 31.8274, -19.5332,
10.5614

■ 36.1044, -1.8132,
1.9162

■ 31.4365, -21.3371,
11.8408

■ 37.1314, 2.0575,
0.4451

■ 31.1324, -22.7822,
13.0344

■ 38.2409, 6.1106,
-1.0048

■ 30.9094, -23.8793,
14.1291

■ 39.4293, 10.3178,
-2.4265

■ 30.7322, -24.7688,
15.0914

■ 40.6926, 14.6532,
-3.8145

■ 30.7271, -24.7943,
15.1175

■ 42.0268, 19.0940,
-5.1648

■ 43.4280, 23.6200,
-6.4749

Harmonies

Analogous

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



33.5509, -8.4029, 9.9512



33.5502, -12.0253, 6.3560



33.5509, -12.9891, 0.8533

Triad

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



33.5509, -12.0259, 6.3564



33.5509, -0.7782, -11.7433



33.5509, 8.7032, 7.7376

Complementary

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



33.5502, -12.0253, 6.3560



28.3049, 10.1619, -2.6435

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.



33.5509, 11.0984, 2.7709



33.5502, -12.0253, 6.3560



33.5509, 5.3741, -9.0335

Square

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



33.5509, -12.0259, 6.3564



33.5509, -6.7780, -10.3069



33.5509, 9.8377, -3.4395



33.5509, 3.5034, 10.6399

Rectangle

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



33.5502, -12.0253, 6.3560



33.5509, -12.0584, -3.3520



33.5509, 9.8377, -3.4395



33.5509, 9.8798, 6.2915

Sweetspot

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



33.5509, -12.0259, 6.3564



46.1252, -6.9589, 4.3659



34.5856, -8.6212, 10.9409



22.8165, -3.7022, 2.2707



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.



33.5509, -12.0259, 6.3564



43.3082, -18.5126, 9.7179



33.9135, -9.9410, 1.1638



17.7699, -2.6214, 1.6567



35.1742, -28.4599, 17.4720



80.2318, -65.6028, 41.3348

Inverse Universe

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



28.3049, 10.1619, -2.6435



34.8733, 17.2786, -4.7118



27.9076, 8.1358, 3.0051



16.9495, 0.8314, 0.2439



20.2600, 37.0490, -5.1498



46.0821, 83.9386, -9.1492

Previews

White Background



This preview shows how the HunterLab color 33.5502, -12.0253, 6.3560 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 × Fail

Black Background



This preview shows how the HunterLab color 33.5502, -12.0253, 6.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

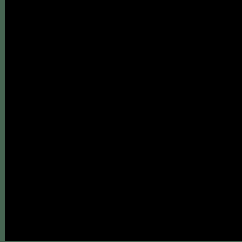
Any Text WCAG AA × Fail

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 33.5502, -12.0253, 6.3560 Background



This preview shows how black text looks on a background with the HunterLab color 33.5502, -12.0253, 6.3560.



This preview shows how white text looks on a background with the HunterLab color 33.5502,

-12.0253, 6.3560.

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

33.5502, -12.0253, 6.3560

Protanopia

33.4785, -2.4788, 7.8211

Deuteranopia

33.5381, 2.0076, 5.8734



Tritanopia

33.6340, -6.0553, -3.4178

Trichromacy



Original Color

33.5502, -12.0253, 6.3560

Protanomaly

33.5228, -6.4515, 7.4607

Deuteranomaly

33.4494, -3.7334, 6.0403

Tritanomaly

33.5300, -8.4038, 0.5161

Monochromacy



Original Color

33.5502, -12.0253, 6.3560

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

32.4539, -5.6966, 3.4253

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5502, -12.0253, 6.3560 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(71, 101, 82)` looks like.

```
.text, #text, p{  
    color:rgb(71, 101, 82)  
}
```

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(71, 101, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 101, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5502, -12.0253, 6.3560 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(71, 101, 82) }
```


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

```
.border{ border-color:rgb(71, 101, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 101, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 101, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 101, 82);  
box-shadow:4px 4px 4px 4px rgb(71, 101,  
82) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.5502, -12.0253, 6.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 101, 82) }
```

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

```
.background{ background-color: rgb(71, 101,  
82) }
```

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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