

Converting Colors

HunterLab(35.6704, -13.4045,
8.6902)

Have a look what the booklet for
HunterLab(35.6704, -13.4045,
8.6902) contains.

HunterLab(35.5612, -13.4253, 8.6986)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(35.5612,
-13.4253, 8.6986)**

Conversions

Conversions Part 1

Format	Color
Hex	4C6B51
RGB	76, 107, 81
RGB Percent	30%, 42%, 32%
CMY	0.7020, 0.5804, 0.6823
CMYK	0.29, 0.00, 0.24, 0.58
HSL	130°, 17%, 36%
HSV	130°, 29%, 42%
XYZ	9.7234, 12.6460, 9.7130
YIQ	94.7670, -10.1300, -14.6580

Conversions

Conversions Part 2

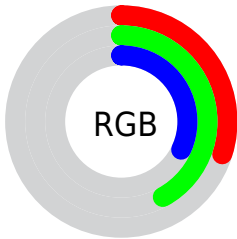
Format	Color
R_{YB}	76, 103, 107
Decimal	5008209
CIE Lab	42.23, -17.12, 11.02
CIE LCh	42, 20.366, 147.227
Yxy	12.6465, 0.3031, 0.3942
Android (android.graphics.Color)	4283198289 (0xFF4C6B51)
YUV	94.7670, -6.7871, -16.4587
Hunter-Lab	35.5612, -13.4253, 8.6986

Details

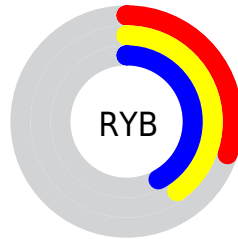
The HunterLab color **35.5612, -13.4253, 8.6986** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **30.4209, 11.5812, -5.5527**, and the grayscale version is **33.7694, -1.8019, 1.8348**.

A 20% lighter version of the original color is **55.5370, -16.7364, 11.3824**, and **18.7918, -9.9192, 6.1397** is the 20% darker color. If you saturate the color by 10%, you get **34.8112, -16.6760, 10.7087**, and if you desaturate by 10%, it is **36.4219, -9.8040, 6.5341**.

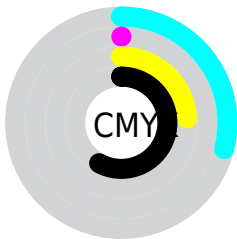
Distribution



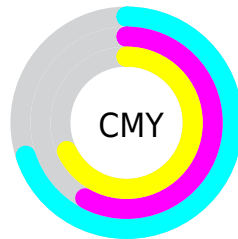
- Red (30%)
- Green (42%)
- Blue (32%)



- Red (30%)
- Yellow (40%)
- Blue (42%)



- Cyan (29%)
- Magenta (0%)
- Yellow (24%)
- Black (58%)



- Cyan (70%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.5612, -13.4253, 8.6986 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 35.5612, -13.4253, 8.6986 by changing the saturation by 10% instead.

■ 35.5612, -13.4253,
8.6986

■ 35.5612, -13.4253,
8.6986

144.4437,
-26.8963, 19.4171

■ 26.8060, -11.7708,
7.4702

■ 55.3780, -16.5579,
11.0840

■ 18.9168, -10.0131,
6.1900

■ 66.3294, -18.0707,
12.2623

■ 12.0028, -8.0863,
4.9297

■ 77.9204, -19.5625,
13.4395

■ 4.9639, -8.6868,
3.4747

■ 90.1174, -21.0402,
14.6198

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 102.8919,
-22.5090, 15.8058

0.0000, NaN, NaN

116.2187,

0.0000, NaN, NaN

-23.9727, 16.9998

0.0000, NaN, NaN

130.0758,
-25.4344, 18.2031

■ 35.5612, -13.4253,
8.6986

■ 35.5612, -13.4253,
8.6986

■ 34.8112, -16.6760,
10.7087

■ 36.4219, -9.8040,
6.5341

■ 34.1707, -19.5215,
12.5411

■ 37.3889, -5.8476,
4.2374

■ 33.6396, -21.9376,
14.1764

■ 38.4597, -1.5970,
1.8319

■ 33.2156, -23.9102,
15.5986

■ 39.6305, 2.9079,
-0.6605

■ 32.8943, -25.4384,
16.7969

■ 40.8968, 7.6285,
-3.2198

■ 32.6687, -26.5373,
17.7668

■ 42.2539, 12.5293,
-5.8283

■ 32.5073, -27.3328,
18.4944

■ 43.6967, 17.5781,
-8.4710

■ 32.4918, -27.4081,
18.5543

■ 45.2205, 22.7470,
-11.1350

■ 46.8202, 28.0118,
-13.8102

Harmonies

Analogous

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



35.5619, -8.3730, 12.2535



35.5612, -13.4253, 8.6986



35.5619, -15.4133, 2.6051

Triad

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



35.5619, -13.4259, 8.6990



35.5619, -2.6073, -15.0393



35.5619, 12.1264, 7.7533

Complementary

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



35.5612, -13.4253, 8.6986



30.4209, 11.5812, -5.5527

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.



35.5619, 13.9928, 1.2531



35.5612, -13.4253, 8.6986



35.5619, 5.0732, -12.8646

Square

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



35.5619, -13.4259, 8.6990



35.5619, -9.5061, -11.9305



35.5619, 11.3125, -6.4887



35.5619, 6.4059, 11.7939

Rectangle

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



35.5612, -13.4253, 8.6986



35.5619, -14.8693, -2.4559



35.5619, 11.3125, -6.4887



35.5619, 13.2453, 5.8301

Sweetspot

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



35.5619, -13.4259, 8.6990



49.9924, -7.9794, 5.7588



37.2600, -7.3245, 11.9509



24.5191, -4.2336, 3.0100



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



35.5619, -13.4259, 8.6990



46.8659, -21.0715, 13.5506



35.9162, -11.3810, 3.6035



18.5796, -2.9038, 2.1045



35.8320, -30.2603, 20.5363



80.8292, -68.6498, 47.1657

Inverse Universe

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



30.4209, 11.5812, -5.5527



38.4477, 19.9990, -9.8065



29.9677, 9.2794, 0.8519



17.7649, 1.0408, -0.1504



21.6605, 41.1986, -17.8196



48.7848, 92.6116, -38.7557

Previews

White Background



This preview shows how the HunterLab color 35.5612, -13.4253, 8.6986 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 35.5612, -13.4253, 8.6986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

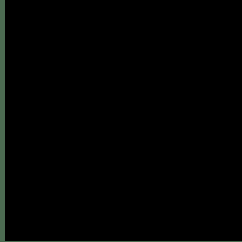
Any Text WCAG AA × Fail

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 35.5612, -13.4253, 8.6986 Background



This preview shows how black text looks on a background with the HunterLab color 35.5612, -13.4253, 8.6986.



This preview shows how white text looks on a background with the HunterLab color 35.5612,

-13.4253, 8.6986.

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

35.5612, -13.4253, 8.6986

Protanopia

35.3888, -2.6877, 9.9962

Deuteranopia

35.5459, 2.1446, 8.2906



Tritanopia

35.5556, -5.9992, -3.2736

Trichromacy



Original Color

35.5612, -13.4253, 8.6986

Protanomaly

35.3351, -7.0473, 9.5559

Deuteranomaly

35.3415, -4.0322, 8.3148

Tritanomaly

35.3924, -8.6836, 1.4592

Monochromacy



Original Color

35.5612, -13.4253, 8.6986

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.2587, -6.1203, 4.2625

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.5612, -13.4253, 8.6986 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(76, 107, 81)` looks like.

```
.text, #text, p{  
    color:rgb(76, 107, 81)  
}
```

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(76, 107, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 107, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 35.5612, -13.4253, 8.6986 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(76, 107, 81) }
```


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

```
.border{ border-color:rgb(76, 107, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 107, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 107, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 107, 81);  
box-shadow:4px 4px 4px 4px rgb(76, 107,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.5612, -13.4253, 8.6986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 107, 81) }
```

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

```
.background{ background-color: rgb(76, 107,  
81) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor