

Converting Colors

HunterLab(35.7212, -12.8002,
13.7520)

Have a look what the booklet for
HunterLab(35.7212, -12.8002,
13.7520) contains.

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Color

**HunterLab(35.8664,
-12.8944, 13.8567)**

Conversions

Conversions Part 1

Format	Color
Hex	566B40
RGB	86, 107, 64
RGB Percent	34%, 42%, 25%
CMY	0.6627, 0.5804, 0.7490
CMYK	0.20, 0.00, 0.40, 0.58
HSL	89°, 25%, 34%
HSV	89°, 40%, 42%
XYZ	10.0209, 12.8640, 6.8053
YIQ	95.8190, 1.2870, -17.8250

Conversions

Conversions Part 2

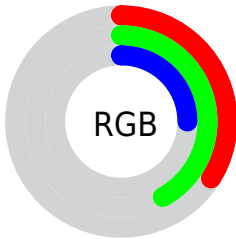
Format	Color
RYB	64, 107, 85
Decimal	5663552
CIELab	42.56, -16.20, 21.59
CIELCh	43, 26.992, 126.878
Yxy	12.8645, 0.3375, 0.4333
Android (android.graphics.Color)	4283853632 (0xFF566B40)
YUV	95.8190, -15.6868, -8.6113
Hunter-Lab	35.8664, -12.8944, 13.8567

Details

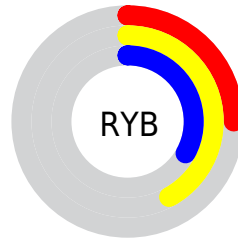
The HunterLab color $[35.8664, -12.8944, 13.8567]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[25.8070, 11.7909, -15.8502]$, and the grayscale version is $[34.1904, -1.8243, 1.8576]$.

A 20% lighter version of the original color is $[55.6255, -15.6187, 17.6636]$, and $[19.2706, -9.8364, 9.6660]$ is the 20% darker color. If you saturate the color by 10%, you get $[35.3767, -15.0776, 15.8290]$, and if you desaturate by 10%, it is $[36.4081, -10.4973, 11.4976]$.

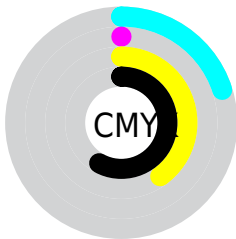
Distribution



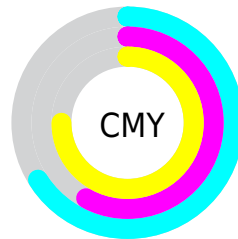
- Red (34%)
- Green (42%)
- Blue (25%)



- Red (25%)
- Yellow (42%)
- Blue (33%)



- Cyan (20%)
- Magenta (0%)
- Yellow (40%)
- Black (58%)



- Cyan (66%)
- Magenta (58%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.8664, -12.8944, 13.8567 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 35.8664, -12.8944, 13.8567 by changing the saturation by 10% instead.

■ 35.8664, -12.8944,
13.8567

■ 35.8664, -12.8944,
13.8567

144.9302,
-25.9326, 29.6111

■ 27.0838, -11.3105,
11.8128

■ 55.7317, -15.9072,
17.6424

■ 19.1643, -9.6336,
9.6063

■ 66.7049, -17.3671,
19.4375

■ 12.2156, -7.8045,
8.5301

■ 78.3166, -18.8095,
21.1899

■ 5.3220, -9.3135,
3.7254

■ 90.5333, -20.2408,
22.9105

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.3265,
-21.6656, 24.6074

0.0000, NaN, NaN

■ 116.6713,

0.0000, NaN, NaN

-23.0874, 26.2867

0.0000, NaN, NaN

130.5457,
-24.5091, 27.9534

■ 35.8664, -12.8944,
13.8567

■ 35.8664, -12.8944,
13.8567

■ 35.3767, -15.0776,
15.8290

■ 36.4081, -10.4973,
11.4976

■ 34.9363, -17.0382,
17.4155

■ 36.9995, -7.8923,
8.7542

■ 34.5453, -18.7742,
18.6248

■ 37.6409, -5.0905,
5.6351

■ 34.2022, -20.2864,
19.4733

■ 38.3317, -2.1036,
2.1519

■ 33.9051, -21.5802,
19.9869

■ 39.0711, 1.0558,
-1.6807

■ 33.6465, -22.7036,
20.3353

■ 39.8579, 4.3747,
-5.8460

■ 40.6909, 7.8399,
-10.3261

■ 41.5688, 11.4384,
-15.1019

■ 42.4901, 15.1578,
-20.1543

Harmonies

Analogous

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



35.8672, -4.2237, 15.9288



35.8664, -12.8944, 13.8567



35.8672, -18.1616, 8.5061

Triad

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



35.8672, -12.8953, 13.8570



35.8672, -9.2644, -19.6698



35.8672, 19.5962, 4.1058

Complementary

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



35.8664, -12.8944, 13.8567



25.8070, 11.7909, -15.8502

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.



35.8672, 17.8616, -6.1326



35.8664, -12.8944, 13.8567



35.8672, 0.4521, -21.8111

Square

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



35.8672, -12.8953, 13.8570



35.8672, -16.2339, -11.0756



35.8672, 10.5675, -16.3059



35.8672, 15.0741, 11.4044

Rectangle

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



35.8664, -12.8944, 13.8567



35.8672, -19.4013, 2.9492



35.8672, 10.5675, -16.3059



35.8672, 19.7327, 0.9261

Sweetspot

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



35.8672, -12.8953, 13.8570



50.1775, -7.6399, 8.4802



31.5585, 2.5831, 10.3783



24.6478, -3.9267, 4.3614



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.



35.8672, -12.8953, 13.8570



47.3901, -19.9440, 20.9815



34.6415, -17.6238, 12.7353



18.7450, -2.3527, 2.5979



37.0858, -25.1418, 22.4119



83.4036, -58.0289, 50.3770

Inverse Universe

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



25.8070, 11.7909, -15.8502



31.1597, 20.2359, -27.8390



27.9468, 17.9366, -11.9771



17.5810, 0.4638, -0.7423



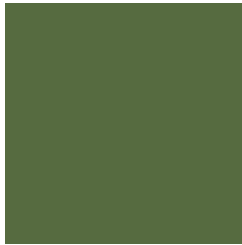
14.7305, 33.9931, -58.4399



32.4690, 75.8702, -136.1177

Previews

White Background



This preview shows how the HunterLab color 35.8664, -12.8944, 13.8567 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 35.8664, -12.8944, 13.8567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

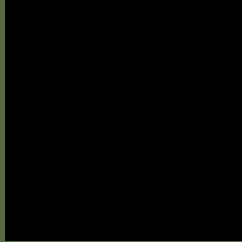
Any Text WCAG AA ✗ Fail

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 35.8664, -12.8944, 13.8567 Background



This preview shows how black text looks on a background with the HunterLab color 35.8664, -12.8944, 13.8567.



This preview shows how white text looks on a background with the HunterLab color 35.8664,

-12.8944, 13.8567.

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

35.8664, -12.8944, 13.8567

Protanopia

35.6405, -3.7425, 14.5516

Deuteranopia

35.7268, 2.1381, 13.2397



Tritanopia

35.9940, -3.0827, -2.1741

Trichromacy



Original Color

35.8664, -12.8944, 13.8567

Protanomaly

35.7980, -7.3655, 14.3815

Deuteranomaly

35.6312, -3.6170, 13.3158

Tritanomaly

35.8673, -7.3148, 4.8544

Monochromacy



Original Color

35.8664, -12.8944, 13.8567

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

34.6839, -6.2933, 6.9240

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.8664, -12.8944, 13.8567 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(86, 107, 64)` looks like.

```
.text, #text, p{  
    color:rgb(86, 107, 64)  
}
```

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(86, 107, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 107, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 35.8664, -12.8944, 13.8567 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(86, 107, 64) }
```


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

```
.border{ border-color:rgb(86, 107, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 107, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 107, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 107, 64);  
box-shadow:4px 4px 4px 4px rgb(86, 107,  
64) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.8664, -12.8944, 13.8567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 107, 64) }
```

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

```
.background{ background-color: rgb(86, 107,  
64) }
```

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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