

Converting Colors

HunterLab(36.9041, -13.7868,
3.8060)

Have a look what the booklet for
HunterLab(36.9041, -13.7868,
3.8060) contains.

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Color

**HunterLab(36.8650,
-13.7331, 3.8913)**

Conversions

Conversions Part 1

Format	Color
Hex	476F62
RGB	71, 111, 98
RGB Percent	28%, 44%, 38%
CMY	0.7216, 0.5647, 0.6157
CMYK	0.36, 0.00, 0.12, 0.56
HSL	160°, 22%, 36%
HSV	160°, 36%, 44%
XYZ	10.4876, 13.5903, 13.6257
YIQ	97.5580, -19.6670, -12.5230

Conversions

Conversions Part 2

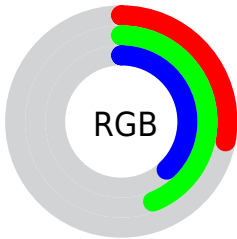
Format	Color
R_{YB}	71, 95, 111
Decimal	4681570
CIE Lab	43.64, -17.25, 2.79
CIE LCh	44, 17.474, 170.813
Yxy	13.5908, 0.2782, 0.3605
Android (android.graphics.Color)	4282871650 (0xFF476F62)
YUV	97.5580, 0.2179, -23.2914
Hunter-Lab	36.8650, -13.7331, 3.8913

Details

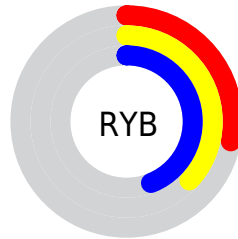
The HunterLab color **36.8650, -13.7331, 3.8913** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29.2000, 12.5331, 1.1806**, and the grayscale version is **34.7881, -1.8562, 1.8901**.

A 20% lighter version of the original color is **56.9467, -16.8832, 5.1909**, and **19.9928, -10.2204, 2.5060** is the 20% darker color. If you saturate the color by 10%, you get **36.2521, -16.2695, 4.5826**, and if you desaturate by 10%, it is **37.5756, -10.8802, 3.2891**.

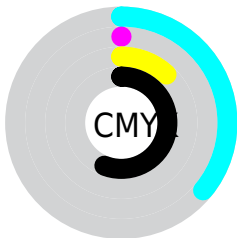
Distribution



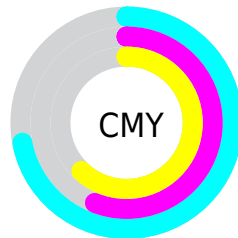
- Red (28%)
- Green (44%)
- Blue (38%)



- Red (28%)
- Yellow (37%)
- Blue (44%)



- Cyan (36%)
- Magenta (0%)
- Yellow (12%)
- Black (56%)



- Cyan (72%)
- Magenta (56%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8650, -13.7331, 3.8913 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 36.8650, -13.7331, 3.8913 by changing the saturation by 10% instead.

■ 36.8650, -13.7331,
3.8913

■ 36.8650, -13.7331,
3.8913

146.5163,
-27.2403, 11.0107

■ 27.9940, -12.0806,
3.2341

■ 56.8869, -16.8687,
5.2899

■ 19.9765, -10.3302,
2.6031

■ 67.9310, -18.3850,
6.0300

■ 12.9163, -8.4214,
1.9955

■ 79.6097, -19.8810,
6.7968

■ 6.3483, -11.1095,
2.1672

■ 91.8901, -21.3634,
7.5898

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.7441,
-22.8371, 8.4082

0.0000, NaN, NaN

118.1471,

0.0000, NaN, NaN

-24.3060, 9.2516

0.0000, NaN, NaN

132.0776,
-25.7730, 10.1193

■ 36.8650, -13.7331,
3.8913

■ 36.8650, -13.7331,
3.8913

■ 36.2521, -16.2695,
4.5826

■ 37.5756, -10.8802,
3.2891

■ 35.7337, -18.4718,
5.3540

■ 38.3815, -7.7308,
2.7799

■ 35.3083, -20.3319,
6.1959

■ 39.2821, -4.3110,
2.3676

■ 34.9719, -21.8502,
7.0965

■ 40.2753, -0.6483,
2.0535

■ 34.7185, -23.0381,
8.0421

■ 41.3583, 3.2287,
1.8370

■ 34.5318, -23.9542,
9.0083

■ 42.5280, 7.2923,
1.7162

■ 34.4620, -24.2995,
9.3811

■ 43.7806, 11.5159,
1.6880

■ 45.1125, 15.8748,
1.7484

■ 46.5197, 20.3469,
1.8929

Harmonies

Analogous

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



36.8657, -11.3429, 8.8792



36.8650, -13.7331, 3.8913



36.8657, -13.1495, -2.5697

Triad

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



36.8657, -13.7336, 3.8918



36.8657, 2.6730, -11.2310



36.8657, 6.4408, 10.2263

Complementary

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



36.8650, -13.7331, 3.8913



29.2000, 12.5331, 1.1806

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.



36.8657, 10.7263, 6.0625



36.8650, -13.7331, 3.8913



36.8657, 8.4464, -6.5120

Square

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



36.8657, -13.7336, 3.8918



36.8657, -3.9834, -12.0918



36.8657, 11.4852, 0.0165



36.8657, 0.0895, 12.0869

Rectangle

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



36.8650, -13.7331, 3.8913



36.8657, -11.1339, -6.8363



36.8657, 11.4852, 0.0165



36.8657, 8.1890, 9.0883

Sweetspot

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



36.8657, -13.7336, 3.8918



51.9147, -8.2202, 3.4423



37.0467, -14.2005, 13.0386



25.3868, -4.2541, 1.7150



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



36.8657, -13.7336, 3.8918



48.6535, -21.1711, 5.9512



35.2926, -8.8981, -3.6744



19.4875, -2.6754, 1.2391



37.4024, -26.4171, 10.2771



83.3811, -59.5609, 24.3556

Inverse Universe

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



29.2000, 12.5331, 1.1806



36.3286, 21.3153, 1.7459



30.3913, 7.8635, 7.2345



18.4871, 0.7178, 0.8659



20.3188, 35.5160, 7.5527



45.1917, 78.6867, 19.1667

Previews

White Background



This preview shows how the HunterLab color 36.8650, -13.7331, 3.8913 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 36.8650, -13.7331, 3.8913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

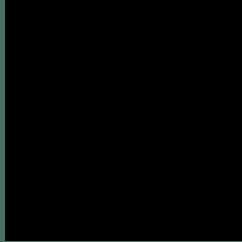
Any Text WCAG AA × Fail

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 36.8650, -13.7331, 3.8913 Background



This preview shows how black text looks on a background with the HunterLab color 36.8650, -13.7331, 3.8913.



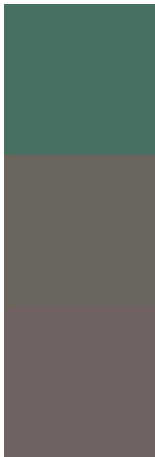
This preview shows how white text looks on a background with the HunterLab color 36.8650,

-13.7331, 3.8913.

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

36.8650, -13.7331, 3.8913

Protanopia

36.6318, -1.7795, 5.7797

Deuteranopia

36.5438, 2.3422, 2.9981



Tritanopia

36.7496, -8.5750, -4.6573

Trichromacy



Original Color

36.8650, -13.7331, 3.8913

Protanomaly

36.4816, -6.4335, 4.7719

Deuteranomaly

36.3291, -3.9300, 3.0520

Tritanomaly

36.7681, -10.4216, -1.3141

Monochromacy



Original Color

36.8650, -13.7331, 3.8913

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.5767, -6.6706, 2.5481

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8650, -13.7331, 3.8913 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, 111, 98)` looks like.

```
.text, #text, p{  
    color:rgb(71, 111, 98)  
}
```

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, 111, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 111, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8650, -13.7331, 3.8913 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, 111, 98) }
```


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

```
.border{ border-color:rgb(71, 111, 98) }
```

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

Here you see how a box with a 4 pixel rgb(71, 111, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 111, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 111, 98);  
box-shadow:4px 4px 4px 4px rgb(71, 111,  
98) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.8650, -13.7331, 3.8913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 111, 98) }
```

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

```
.background{ background-color: rgb(71, 111,  
98) }
```

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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