

Converting Colors

HunterLab(36.8989, -8.3440,
2.2664)

Have a look what the booklet for
HunterLab(36.8989, -8.3440, 2.2664)
contains.

HunterLab(37.0279, -8.4387, 2.5407)	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(37.0279, -8.4387,
2.5407)**

Conversions

Conversions Part 1

Format	Color
Hex	576C66
RGB	87, 108, 102
RGB Percent	34%, 42%, 40%
CMY	0.6588, 0.5765, 0.6000
CMYK	0.19, 0.00, 0.06, 0.58
HSL	163°, 11%, 38%
HSV	163°, 19%, 42%
XYZ	11.6913, 13.7107, 14.6006
YIQ	101.0370, -10.5900, -6.3180

Conversions

Conversions Part 2

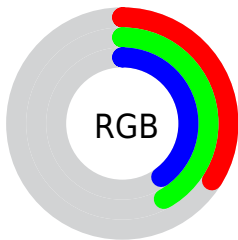
Format	Color
R_{YB}	87, 99, 108
Decimal	5729382
CIE Lab	43.82, -9.16, 0.76
CIE LCh	44, 9.193, 175.248
Yxy	13.7112, 0.2923, 0.3427
Android (android.graphics.Color)	4283919462 (0xFF576C66)
YUV	101.0370, 0.4748, -12.3104
Hunter-Lab	37.0279, -8.4387, 2.5407

Details

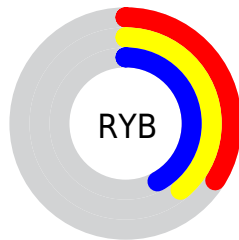
The HunterLab color $37.0279, -8.4387, 2.5407$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $32.8560, 5.3528, 1.6507$, and the grayscale version is $36.0901, -1.9257, 1.9608$.

A 20% lighter version of the original color is $56.9338, -10.3918, 3.5162$, and $20.2107, -6.4638, 1.7374$ is the 20% darker color. If you saturate the color by 10%, you get $36.2899, -11.3329, 2.9124$, and if you desaturate by 10%, it is $37.8589, -5.2771, 2.2693$.

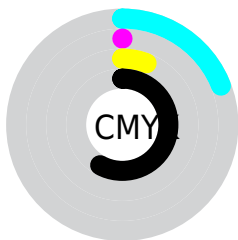
Distribution



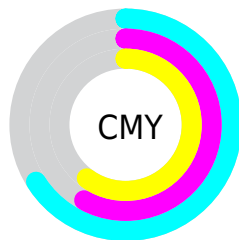
- Red (34%)
- Green (42%)
- Blue (40%)



- Red (34%)
- Yellow (39%)
- Blue (42%)



- Cyan (19%)
- Magenta (0%)
- Yellow (6%)
- Black (58%)



- Cyan (66%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.0279, -8.4387, 2.5407 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 37.0279, -8.4387, 2.5407 by changing the saturation by 10% instead.

37.0279, -8.4387,
2.5407

37.0279, -8.4387,
2.5407

146.7743,
-18.2880, 8.8249

28.1427, -7.3575,
2.0109

57.0752, -10.5800,
3.7151

20.1093, -6.2513,
1.5219

68.1307, -11.6523,
4.3543

13.0312, -5.0950,
1.0777

79.8202, -12.7312,
5.0259

6.4996, -6.4891,
0.8395

92.1109, -13.8190,
5.7285

0.0000, NaN, NaN

0.0000, NaN, NaN

104.9747,
-14.9176, 6.4608

0.0000, NaN, NaN

118.3872,

0.0000, NaN, NaN

-16.0280, 7.2216

0.0000, NaN, NaN

132.3268,
-17.1513, 8.0100

■ 37.0279, -8.4387,
2.5407

■ 37.0279, -8.4387,
2.5407

■ 36.2899, -11.3329,
2.9124

■ 37.8589, -5.2771,
2.2693

■ 35.6434, -13.9351,
3.3803

■ 38.7789, -1.8715,
2.0971

■ 35.0889, -16.2278,
3.9402

■ 39.7863, 1.7510,
2.0236

■ 34.6251, -18.1987,
4.5854

■ 40.8781, 5.5638,
2.0463

■ 34.2491, -19.8429,
5.3068

■ 42.0512, 9.5411,
2.1615

■ 33.9566, -21.1649,
6.0931

■ 43.3020, 13.6589,
2.3648

■ 33.7410, -22.1797,
6.9313

■ 44.6268, 17.8951,
2.6514

■ 33.5704, -23.0122,
7.7811

■ 46.0219, 22.2300,
3.0158

■ 33.5610, -23.0579,
7.8272

■ 47.4835, 26.6464,
3.4528

Harmonies

Analogous

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



37.0287, -7.3388, 5.4774



37.0279, -8.4387, 2.5407



37.0287, -7.8617, -0.8160

Triad

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



37.0287, -8.4393, 2.5412



37.0287, 0.9323, -4.2448



37.0287, 1.9311, 6.8925

Complementary

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



37.0279, -8.4387, 2.5407



32.8560, 5.3528, 1.6507

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.



37.0287, 4.2983, 4.6398



37.0279, -8.4387, 2.5407



37.0287, 3.7068, -1.8165

Square

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



37.0287, -8.4393, 2.5412



37.0287, -2.5328, -4.9375



37.0287, 4.9598, 1.4821



37.0287, -1.4194, 7.8369

Rectangle

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



37.0279, -8.4387, 2.5407



37.0287, -6.5910, -2.8175



37.0287, 4.9598, 1.4821



37.0287, 2.8730, 6.2739

Sweetspot

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



37.0287, -8.4393, 2.5412



50.5490, -5.5447, 2.9173



37.0900, -8.9467, 8.2839



24.8428, -2.8260, 1.4408



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.



37.0287, -8.4393, 2.5412



48.6380, -12.8292, 3.5567



36.0137, -5.6884, -1.2661



18.6491, -2.5168, 1.1112



36.6459, -25.2218, 8.6424



82.6274, -57.5066, 20.8631

Inverse Universe

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



32.8560, 5.3528, 1.6507



41.9643, 9.2631, 2.1505



33.7536, 2.6104, 5.0056



17.6909, 0.6429, 0.9028



19.7875, 34.4565, 8.3695



44.5176, 77.2298, 21.0762

Previews

White Background



This preview shows how the HunterLab color 37.0279, -8.4387, 2.5407 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 37.0279, -8.4387, 2.5407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

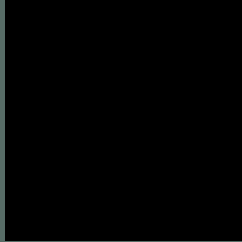
Any Text WCAG AA × Fail

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 37.0279, -8.4387, 2.5407 Background



This preview shows how black text looks on a background with the HunterLab color 37.0279, -8.4387, 2.5407.



This preview shows how white text looks on a background with the HunterLab color 37.0279, -8.4387,

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

37.0279, -8.4387, 2.5407

Protanopia

36.9669, -1.6965, 3.8165

Deuteranopia

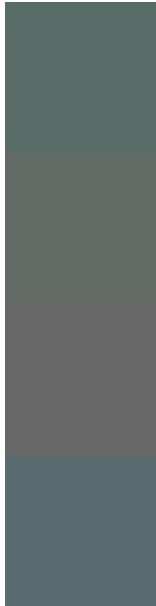
36.9114, 2.4592, 1.7508



Tritanopia

36.9726, -4.9888, -3.3152

Trichromacy



Original Color

37.0279, -8.4387, 2.5407

Protanomaly

36.9809, -4.3940, 3.3807

Deuteranomaly

36.9091, -1.6847, 2.1007

Tritanomaly

37.0350, -6.5080, -0.9097

Monochromacy



Original Color

37.0279, -8.4387, 2.5407

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.5062, -4.6087, 2.4184

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.0279, -8.4387, 2.5407 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(87, 108, 102)` looks like.

```
.text, #text, p{  
    color:rgb(87, 108, 102)  
}
```

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(87, 108, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 108, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 37.0279, -8.4387, 2.5407 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(87, 108, 102) }
```


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

```
.border{ border-color:rgb(87, 108, 102) }
```

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

Here you see how a box with a 4 pixel rgb(87, 108, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 108, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 108, 102);  
box-shadow:4px 4px 4px 4px rgb(87, 108,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.0279, -8.4387, 2.5407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 108, 102) }
```

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

```
.background{ background-color: rgb(87, 108,  
102) }
```

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