

Converting Colors

HunterLab(37.3416, -5.2791,
4.7402)

Have a look what the booklet for
HunterLab(37.3416, -5.2791, 4.7402)
contains.

HunterLab(37.2056, -5.1187, 4.4221)	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(37.2056, -5.1187,
4.4221)**

Conversions

Conversions Part 1

Format	Color
Hex	636A62
RGB	99, 106, 98
RGB Percent	39%, 42%, 38%
CMY	0.6118, 0.5843, 0.6157
CMYK	0.07, 0.00, 0.08, 0.58
HSL	113°, 4%, 40%
HSV	113°, 8%, 42%
XYZ	12.5042, 13.8426, 13.5681
YIQ	102.9950, -1.6040, -3.9720

Conversions

Conversions Part 2

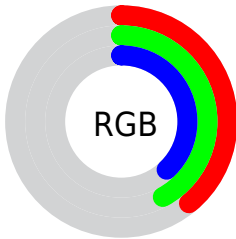
Format	Color
RYB	98, 106, 105
Decimal	6515298
CIELab	44.01, -4.35, 3.56
CIELCh	44, 5.624, 140.682
Yxy	13.8432, 0.3133, 0.3468
Android (android.graphics.Color)	4284705378 (0xFF636A62)
YUV	102.9950, -2.4625, -3.5036
Hunter-Lab	37.2056, -5.1187, 4.4221

Details

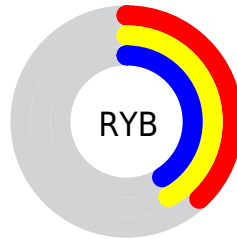
The HunterLab color $[37.2056, -5.1187, 4.4221]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[35.7486, 1.3303, -0.5649]$, and the grayscale version is $[36.8367, -1.9655, 2.0014]$.

A 20% lighter version of the original color is $[57.2433, -6.4421, 5.7098]$, and $[20.3292, -3.5097, 2.9901]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.2811, -8.9755, 7.3234]$, and if you desaturate by 10%, it is $[38.2226, -0.9901, 1.2671]$.

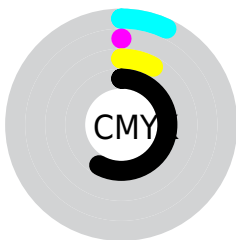
Distribution



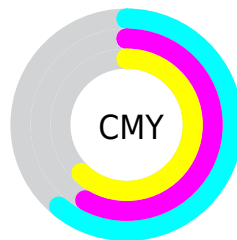
- Red (39%)
- Green (42%)
- Blue (38%)



- Red (38%)
- Yellow (42%)
- Blue (41%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (58%)



- Cyan (61%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.2056, -5.1187, 4.4221 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 37.2056, -5.1187, 4.4221 by changing the saturation by 10% instead.

■ 37.2056, -5.1187,
4.4221

■ 37.2056, -5.1187,
4.4221

147.0554,
-12.8573, 11.8749

■ 28.3049, -4.3616,
3.7140

■ 57.2804, -6.6915,
5.9103

■ 20.2544, -3.6178,
3.0261

■ 68.3484, -7.5084,
6.6908

■ 13.1568, -2.8805,
2.3531

■ 80.0497, -8.3467,
7.4956

■ 6.6605, -3.2023,
2.5803

■ 92.3516, -9.2063,
8.3246

0.0000, NaN, NaN

0.0000, NaN, NaN

105.2262,
-10.0874, 9.1775

0.0000, NaN, NaN

118.6490,

0.0000, NaN, NaN

-10.9898, 10.0538

0.0000, NaN, NaN

132.5984,
-11.9131, 10.9530

■ 37.2056, -5.1187,
4.4221

■ 37.2056, -5.1187,
4.4221

■ 36.2811, -8.9755,
7.3234

■ 38.2226, -0.9901,
1.2671

■ 35.4496, -12.5237,
9.9433

■ 39.3264, 3.3785,
-2.1163

■ 34.7138, -15.7313,
12.2589

■ 40.5140, 7.9529,
-5.7008

■ 34.0750, -18.5694,
14.2508

■ 41.7814, 12.7023,
-9.4610

■ 33.5332, -21.0151,
15.9057

■ 43.1246, 17.5987,
-13.3731

■ 33.0871, -23.0533,
17.2182

■ 44.5394, 22.6170,
-17.4157

■ 32.7338, -24.6796,
18.1929

■ 46.0219, 27.7355,
-21.5696

■ 32.4689, -25.9016,
18.8461

■ 47.5680, 32.9355,
-25.8179

■ 32.2805, -26.7738,
19.2853

■ 49.1740, 38.2012,
-30.1462

Harmonies

Analogous

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



37.2064, -3.4304, 5.5066



37.2056, -5.1187, 4.4221



37.2064, -5.9640, 2.6539

Triad

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



37.2064, -5.1195, 4.4226



37.2064, -2.6516, -2.0511



37.2064, 1.9439, 3.3823

Complementary

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



37.2056, -5.1187, 4.4221



35.7486, 1.3303, -0.5649

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.



37.2064, 2.1639, 1.3854



37.2056, -5.1187, 4.4221



37.2064, -0.5217, -1.8289

Square

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



37.2064, -5.1195, 4.4226



37.2064, -4.5605, -1.1344



37.2064, 1.2523, -0.5431



37.2064, 0.6579, 4.9300

Rectangle

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



37.2056, -5.1187, 4.4221



37.2064, -5.9477, 1.2918



37.2064, 1.2523, -0.5431



37.2064, 2.1461, 2.7440

Sweetspot

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



37.2064, -5.1195, 4.4226



50.0137, -3.8188, 3.6019



37.4650, -2.7023, 4.7514



24.2177, -1.8020, 1.7080



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



37.2064, -5.1195, 4.4226



49.0718, -7.6773, 6.5369



37.2070, -4.9655, 3.2473



18.6044, -2.8539, 2.4351



35.9045, -30.0816, 21.5975



80.9128, -68.4776, 48.6593

Inverse Universe

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



35.7486, 1.3303, -0.5649



46.7101, 2.7734, -1.5450



35.7498, 1.1667, 0.7379



17.7361, 0.9885, -0.5363



20.3812, 41.2395, -35.9470



45.7257, 92.6971, -82.0061

Previews

White Background



This preview shows how the HunterLab color 37.2056, -5.1187, 4.4221 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 37.2056, -5.1187, 4.4221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

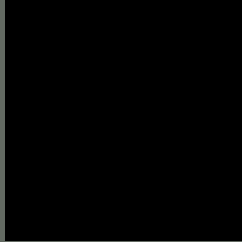
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

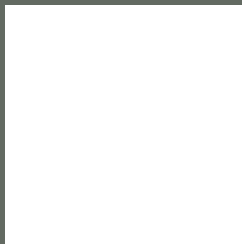
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 37.2056, -5.1187, 4.4221 Background



This preview shows how black text looks on a background with the HunterLab color 37.2056, -5.1187, 4.4221.

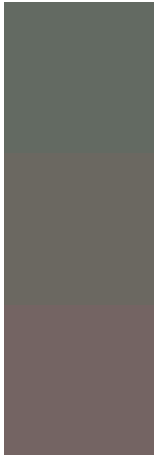


This preview shows how white text looks on a background with the HunterLab color 37.2056, -5.1187, 4.4221.

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

37.2056, -5.1187, 4.4221

Protanopia

37.2686, -2.1350, 4.9357

Deuteranopia

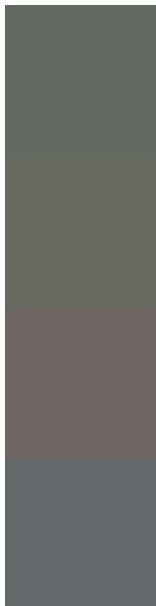
37.0516, 2.6629, 3.9882



Tritanopia

37.1984, -1.5552, -1.5388

Trichromacy



Original Color

37.2056, -5.1187, 4.4221

Protanomaly

37.2951, -3.4383, 4.9420

Deuteranomaly

37.0386, -0.0756, 3.9257

Tritanomaly

37.2478, -3.0719, 0.7568

Monochromacy



Original Color

37.2056, -5.1187, 4.4221

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.9662, -2.9855, 2.9791

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.2056, -5.1187, 4.4221 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(99, 106, 98)` looks like.

```
.text, #text, p{  
    color:rgb(99, 106, 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(99, 106, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 106, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 37.2056, -5.1187, 4.4221 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(99, 106, 98) }
```


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

```
.border{ border-color:rgb(99, 106, 98) }
```

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

Here you see how a box with a 4 pixel rgb(99, 106, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 106, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 106, 98);  
box-shadow:4px 4px 4px 4px rgb(99, 106,  
98) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.2056, -5.1187, 4.4221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 106, 98) }
```

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

```
.background{ background-color: rgb(99, 106,  
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](#).

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