

Converting Colors

HunterLab(37.9587, 0.5016,
-6.9065)

Have a look what the booklet for
HunterLab(37.9587, 0.5016, -6.9065)
contains.

HunterLab(37.9587, 0.5016, -6.9065)	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(37.9587, 0.5016,
-6.9065)**

Conversions

Conversions Part 1

Format	Color
Hex	66697D
RGB	102, 105, 125
RGB Percent	40%, 41%, 49%
CMY	0.6000, 0.5882, 0.5098
CMYK	0.18, 0.16, 0.00, 0.51
HSL	232°, 10%, 45%
HSV	232°, 18%, 49%
XYZ	14.2328, 14.4086, 21.4331
YIQ	106.3830, -8.2080, 5.5840

Conversions

Conversions Part 2

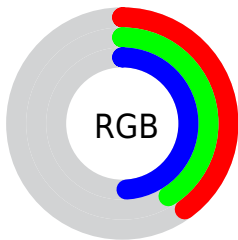
Format	Color
R_{YB}	102, 105, 125
Decimal	6711677
CIE _{Lab}	44.81, 3.39, -11.49
CIE _{LCh}	45, 11.980, 286.421
Yxy	14.4092, 0.2842, 0.2877
Android (android.graphics.Color)	4284901757 (0xFF66697D)
YUV	106.3830, 9.1782, -3.8439
Hunter-Lab	37.9587, 0.5016, -6.9065

Details


The HunterLab color $37.9587, 0.5016, -6.9065$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43.8616, -4.2558, 9.9602$, and the grayscale version is $38.0789, -2.0318, 2.0689$.

A 20% lighter version of the original color is $58.1064, -0.1239, -7.1746$, and $20.8809, 1.0127, -6.5301$ is the 20% darker color. If you saturate the color by 10%, you get $34.1447, 2.3756, -12.6094$, and if you desaturate by 10%, it is $41.8963, -1.1574, -1.6613$.

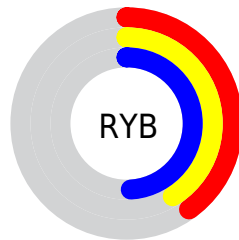
Distribution



 Red (40%)

 Green (41%)

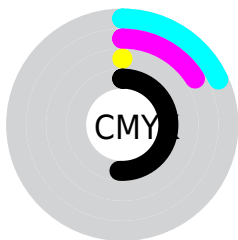
 Blue (49%)





 Red (40%)

 Yellow (41%)

 Blue (49%)

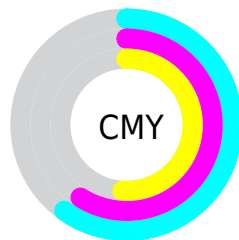



 Cyan (18%)

 Magenta (16%)

 Yellow (0%)

 Black (51%)



 Cyan (60%)

 Magenta (59%)

 Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9587, 0.5016, -6.9065 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 37.9587, 0.5016, -6.9065 by changing the saturation by 10% instead.

■ 37.9587, 0.5016,
-6.9065

■ 37.9587, 0.5016,
-6.9065

■ 148.2437, -3.9667,
-5.1873

■ 28.9928, 0.7685,
-6.7947

■ 58.1493, -0.2004,
-6.9094

■ 20.8703, 0.9697,
-6.6008

■ 69.2697, -0.6232,
-6.8152

■ 13.6911, 1.0912,
-6.3196

■ 81.0206, -1.0886,
-6.6641

■ 7.3004, 1.6314,
-6.6446

■ 93.3697, -1.5937,
-6.4606

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 106.2894, -2.1360,
-6.2082

0.0000, NaN, NaN

■ 119.7554, -2.7135,

0.0000, NaN, NaN

-5.9101

0.0000, NaN, NaN

133.7465, -3.3242,
-5.5690

■ 37.9587, 0.5016,
-6.9065

■ 37.9587, 0.5016,
-6.9065

■ 34.1447, 2.3756,
-12.6094

■ 41.8963, -1.1574,
-1.6613

■ 30.4722, 4.5247,
-18.8951

■ 45.9398, -2.6444,
3.2210

■ 26.9696, 7.0215,
-25.9126

■ 50.0780, -3.9944,
7.8166

■ 23.6743, 9.9533,
-33.8289

■ 54.3016, -5.2342,
12.1840

■ 20.6390, 13.4078,
-42.7849

■ 58.6027, -6.3843,
16.3691

■ 17.9361, 17.4303,
-52.7792

■ 62.9753, -7.4608,
20.4076

■ 15.6617, 21.9203,
-63.4165

■ 67.4140, -8.4765,
24.3277

■ 13.8847, 26.4041,
-73.8334

■ 71.9146, -9.4415,
28.1519

■ 13.6401, 27.0574,
-75.4581

■ 76.4731, -10.3640,
31.8982

Harmonies

Analogous

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



37.9595, -4.0784, -7.0387



37.9587, 0.5016, -6.9065



37.9595, 4.5830, -4.1920

Triad

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



37.9595, 0.5009, -6.9058



37.9595, 4.2531, 7.6612



37.9595, -10.2346, 3.9859

Complementary

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



37.9587, 0.5016, -6.9065



43.8616, -4.2558, 9.9602

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.



37.9595, -8.2144, 7.4124



37.9587, 0.5016, -6.9065



37.9595, 0.0680, 9.3576

Square

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



37.9595, 0.5009, -6.9058



37.9595, 6.8187, 4.3648



37.9595, -4.4914, 9.2723



37.9595, -10.1311, -0.3857

Rectangle

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



37.9587, 0.5016, -6.9065



37.9595, 6.4086, -1.4496



37.9595, -4.4914, 9.2723



37.9595, -9.7857, 5.2749

Sweetspot

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



37.9595, 0.5009, -6.9058



57.2728, -2.0156, -0.7121



43.4693, -9.0469, 1.5428



27.1875, -0.9125, -0.4980



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



37.9595, 0.5009, -6.9058



48.6658, 1.6680, -12.3125



37.8506, 4.2071, -6.9952



20.7250, -0.5203, -1.0083



13.9107, 27.7315, -77.2516

0.0000, NaN, NaN

Inverse Universe

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



38.5786, 5.4033, 3.3259



49.7277, 9.6664, 4.7919



44.0214, -8.0634, 10.0537



20.8631, 0.6974, 1.4135



21.4239, 36.8728, 12.4202

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 37.9587, 0.5016, -6.9065 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 37.9587, 0.5016, -6.9065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

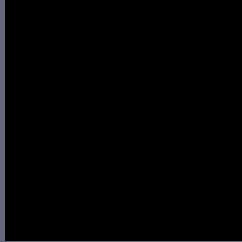
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

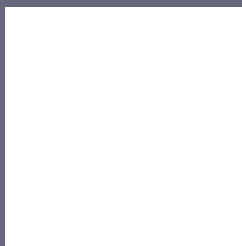
Any Text WCAG AAA × Fail

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

HunterLab 37.9587, 0.5016, -6.9065 Background



This preview shows how black text looks on a background with the HunterLab color 37.9587, 0.5016, -6.9065.



This preview shows how white text looks on a background with the HunterLab color 37.9587, 0.5016, -6.9065.

-6.9065.

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

37.9587, 0.5016, -6.9065

Protanopia

37.9587, 0.5016, -6.9065

Deuteranopia

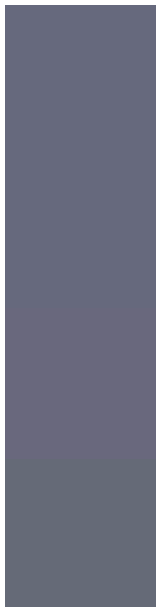
37.8245, 2.7791, -7.0567



Tritanopia

38.0296, -2.6811, -1.9005

Trichromacy



Original Color

37.9587, 0.5016, -6.9065

Protanomaly

37.9587, 0.5016, -6.9065

Deuteranomaly

37.9270, 1.7657, -6.9292

Tritanomaly

37.9561, -1.2865, -3.8965

Monochromacy



Original Color

37.9587, 0.5016, -6.9065

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.0836, -1.2131, -0.8765

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9587, 0.5016, -6.9065 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(102, 105, 125)` looks like.

```
.text, #text, p{  
    color:rgb(102, 105, 125)  
}
```

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(102, 105, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 105, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9587, 0.5016, -6.9065 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(102, 105, 125) }
```


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

```
.border{ border-color:rgb(102, 105, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 105, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 105, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 105, 125);  
box-shadow:4px 4px 4px 4px rgb(102, 105,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.9587, 0.5016, -6.9065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 105, 125) }
```

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

```
.background{ background-color: rgb(102,  
105, 125) }
```

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