

Converting Colors

HunterLab(37.7741, -5.6555,
-6.7359)

Have a look what the booklet for
HunterLab(37.7741, -5.6555,
-6.7359) contains.

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Color

**HunterLab(37.8468, -5.6121,
-6.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	556D7C
RGB	85, 109, 124
RGB Percent	33%, 43%, 49%
CMY	0.6667, 0.5725, 0.5137
CMYK	0.31, 0.12, 0.00, 0.51
HSL	203°, 19%, 41%
HSV	203°, 31%, 49%
XYZ	12.8530, 14.3238, 21.1561
YIQ	103.5340, -19.1190, -0.4230

Conversions

Conversions Part 2

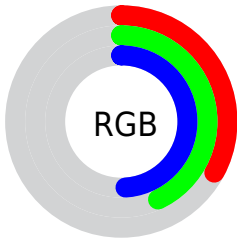
Format	Color
R_{YB}	85, 100, 124
Decimal	5598588
CIE _{Lab}	44.69, -4.97, -11.19
CIE _{LCh}	45, 12.248, 246.056
Yxy	14.3244, 0.2659, 0.2964
Android (android.graphics.Color)	4283788668 (0xFF556D7C)
YUV	103.5340, 10.0897, -16.2543
Hunter-Lab	37.8468, -5.6121, -6.6500

Details

The HunterLab color $[37.8468, -5.6121, -6.6500]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[37.4906, 3.4729, 9.5702]$, and the grayscale version is $[36.9991, -1.9742, 2.0102]$.

A 20% lighter version of the original color is $[57.9225, -6.8795, -7.0058]$, and $[20.8933, -4.1672, -6.0883]$ is the 20% darker color. If you saturate the color by 10%, you get $[35.7825, -6.1023, -9.6544]$, and if you desaturate by 10%, it is $[40.0023, -4.8447, -3.6991]$.

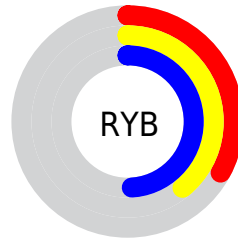
Distribution



Red (33%)

Green (43%)

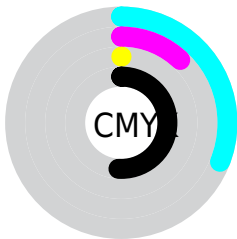
Blue (49%)



Red (33%)

Yellow (39%)

Blue (49%)

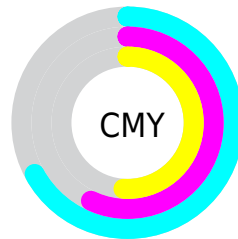


Cyan (31%)

Magenta (12%)

Yellow (0%)

Black (51%)



Cyan (67%)

Magenta (57%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8468, -5.6121, -6.6500 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 37.8468, -5.6121, -6.6500 by changing the saturation by 10% instead.

■ 37.8468, -5.6121,
-6.6500

■ 37.8468, -5.6121,
-6.6500

■ 148.0674,
-13.6317, -4.8350

■ 28.8905, -4.8126,
-6.5502

■ 58.0202, -7.2592,
-6.6296

■ 20.7787, -4.0227,
-6.3680

■ 69.1329, -8.1100,
-6.5241

■ 13.6115, -3.2333,
-6.0976

■ 80.8765, -8.9803,
-6.3621

■ 7.2091, -3.3896,
-6.4820

■ 93.2186, -9.8706,
-6.1480

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 106.1316,
-10.7809, -5.8853

0.0000, NaN, NaN

119.5912,

0.0000, NaN, NaN

-11.7112, -5.5771

0.0000, NaN, NaN

133.5762,
-12.6616, -5.2263

■ 37.8468, -5.6121,
-6.6500

■ 37.8468, -5.6121,
-6.6500

■ 35.7825, -6.1023,
-9.6544

■ 40.0023, -4.8447,
-3.6991

■ 33.8144, -6.2826,
-12.7093

■ 42.2398, -3.8287,
-0.8054

■ 31.9507, -6.1217,
-15.8052

■ 44.5536, -2.5918,
2.0321

■ 30.1987, -5.5907,
-18.9285

■ 46.9381, -1.1585,
4.8156

■ 28.5645, -4.6671,
-22.0612

■ 49.3879, 0.4494,
7.5481

■ 27.0520, -3.3421,
-25.1828

■ 51.8982, 2.2130,
10.2331

■ 25.8209, -2.0211,
-27.9110

■ 54.4648, 4.1157,
12.8746

■ 57.0840, 6.1430,
15.4764

■ 59.7522, 8.2826,
18.0425

Harmonies

Analogous

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



37.8476, -9.0400, -3.3451



37.8468, -5.6121, -6.6500



37.8476, -1.0653, -7.5026

Triad

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



37.8476, -5.6125, -6.6493



37.8476, 7.3708, 2.9541



37.8476, -7.1847, 8.3603

Complementary

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



37.8468, -5.6121, -6.6500



37.4906, 3.4729, 9.5702

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.



37.8476, -2.9682, 9.6370



37.8468, -5.6121, -6.6500



37.8476, 5.5490, 6.7697

Square

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



37.8476, -5.6125, -6.6493



37.8476, 6.5787, -1.5897



37.8476, 1.7087, 9.0922



37.8476, -9.9163, 5.3792

Rectangle

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



37.8468, -5.6121, -6.6500



37.8476, 2.0219, -6.4859



37.8476, 1.7087, 9.0922



37.8476, -5.9020, 8.9854

Sweetspot

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



37.8476, -5.6125, -6.6493



56.7115, -4.7361, -0.2199



41.5524, -15.7886, 8.1424



27.3400, -2.3911, -0.3338



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.



37.8476, -5.6125, -6.6493



48.1538, -7.9668, -11.7843



32.5937, 3.2193, -14.5473



20.6536, -1.7144, -0.0583



26.0242, -2.0214, -28.1642



55.3352, -1.9221, -65.0149

Inverse Universe

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



34.4769, 13.8125, -3.3954



42.8838, 23.4959, -5.9747



42.7110, -5.3575, 14.2937



20.1311, 1.0558, 0.2984



22.1146, 40.2882, -4.4401



48.1230, 87.3550, -7.2200

Previews

White Background



This preview shows how the HunterLab color 37.8468, -5.6121, -6.6500 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 37.8468, -5.6121, -6.6500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

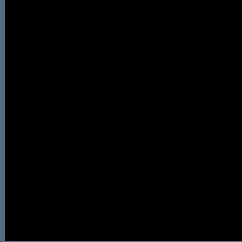
Any Text WCAG AA × Fail

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 37.8468, -5.6121, -6.6500 Background



This preview shows how black text looks on a background with the HunterLab color 37.8468, -5.6121, -6.6500.



This preview shows how white text looks on a background with the HunterLab color 37.8468, -5.6121, -6.6500.

-6.6500.

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

37.8468, -5.6121, -6.6500

Protanopia

37.9041, 0.0509, -4.9381

Deuteranopia

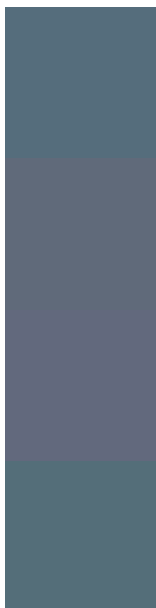
37.7430, 2.5054, -7.1775



Tritanopia

37.9059, -7.1812, -4.0668

Trichromacy



Original Color

37.8468, -5.6121, -6.6500

Protanomaly

37.6829, -2.0407, -5.7856

Deuteranomaly

37.6570, -0.5318, -7.3533

Tritanomaly

37.9699, -6.8222, -4.9687

Monochromacy



Original Color

37.8468, -5.6121, -6.6500

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.4128, -3.6721, -0.8437

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8468, -5.6121, -6.6500 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(85, 109, 124)` looks like.

```
.text, #text, p{  
    color:rgb(85, 109, 124)  
}
```

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(85, 109, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 109, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8468, -5.6121, -6.6500 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(85, 109, 124) }
```


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

```
.border{ border-color:rgb(85, 109, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 109, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 109, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 109, 124);  
box-shadow:4px 4px 4px 4px rgb(85, 109,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8468, -5.6121, -6.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 109, 124) }
```

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

```
.background{ background-color: rgb(85, 109,  
124) }
```

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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