

Converting Colors

HunterLab(37.5793, -6.6819,
-6.5793)

Have a look what the booklet for
HunterLab(37.5793, -6.6819,
-6.5793) contains.

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Color

HunterLab(37.5722, -6.6642,
-6.5354)

Conversions

Conversions Part 1

Format	Color
Hex	516D7B
RGB	81, 109, 123
RGB Percent	32%, 43%, 48%
CMY	0.6823, 0.5725, 0.5176
CMYK	0.34, 0.11, 0.00, 0.52
HSL	200°, 21%, 40%
HSV	200°, 34%, 48%
XYZ	12.4372, 14.1167, 20.8082
YIQ	102.2240, -21.1820, -1.5820

Conversions

Conversions Part 2

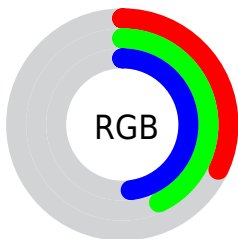
Format	Color
RYB	81, 98, 123
Decimal	5336443
CIELab	44.40, -6.50, -11.06
CIELCh	44, 12.832, 239.554
Yxy	14.1173, 0.2626, 0.2981
Android (android.graphics.Color)	4283526523 (0xFF516D7B)
YUV	102.2240, 10.2426, -18.6134
Hunter-Lab	37.5722, -6.6642, -6.5354

Details

The HunterLab color $37.5722, -6.6642, -6.5354$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $36.0412, 5.0075, 9.4893$, and the grayscale version is $36.5047, -1.9478, 1.9834$.

A 20% lighter version of the original color is $57.5693, -8.2726, -6.4405$, and $20.6470, -5.1314, -5.9711$ is the 20% darker color. If you saturate the color by 10%, you get $35.7319, -7.3302, -9.2044$, and if you desaturate by 10%, it is $39.5045, -5.7091, -3.8820$.

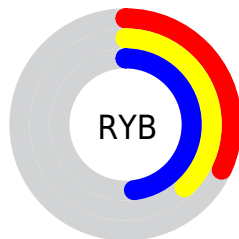
Distribution



Red (32%)

Green (43%)

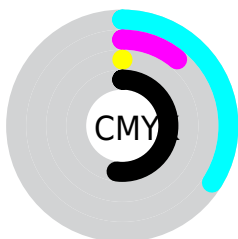
Blue (48%)



Red (32%)

Yellow (38%)

Blue (48%)

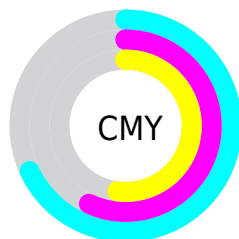


Cyan (34%)

Magenta (11%)

Yellow (0%)

Black (52%)



Cyan (68%)

Magenta (57%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5722, -6.6642, -6.5354 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 37.5722, -6.6642, -6.5354 by changing the saturation by 10% instead.

■ 37.5722, -6.6642,
-6.5354

■ 37.5722, -6.6642,
-6.5354

■ 147.6344,
-15.3466, -4.6891

■ 28.6396, -5.7632,
-6.4390

■ 57.7035, -8.4896,
-6.5078

■ 20.5539, -4.8599,
-6.2601

■ 68.7971, -9.4206,
-6.3988

■ 13.4164, -3.9396,
-5.9924

■ 80.5226, -10.3664,
-6.2332

■ 6.9798, -4.4320,
-6.5414

■ 92.8475, -11.3283,
-6.0155

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 105.7441,
-12.3070, -5.7494

0.0000, NaN, NaN

119.1880,

0.0000, NaN, NaN

-13.3027, -5.4378

0.0000, NaN, NaN

133.1578,
-14.3159, -5.0836

■ 37.5722, -6.6642,
-6.5354

■ 37.5722, -6.6642,
-6.5354

■ 35.7319, -7.3302,
-9.2044

■ 39.5045, -5.7091,
-3.8820

■ 33.9876, -7.6776,
-11.8811

■ 41.5206, -4.4918,
-1.2528

■ 32.3457, -7.6800,
-14.5523

■ 43.6153, -3.0396,
1.3486

■ 30.8111, -7.3155,
-17.2023

■ 45.7831, -1.3772,
3.9197

■ 29.3871, -6.5712,
-19.8140

■ 48.0190, 0.4730,
6.4597

■ 28.0714, -5.4587,
-22.3772

■ 50.3181, 2.4911,
8.9690

■ 27.3225, -4.7433,
-23.9112

■ 52.6763, 4.6594,
11.4485

■ 55.0894, 6.9624,
13.8997

■ 57.5541, 9.3865,
16.3245

Harmonies

Analogous

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



37.5729, -9.8594, -2.6515



37.5722, -6.6642, -6.5354



37.5729, -2.0801, -8.0707

Triad

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



37.5729, -6.6646, -6.5347



37.5729, 7.8905, 1.9754



37.5729, -6.5437, 9.0386

Complementary

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



37.5722, -6.6642, -6.5354



36.0412, 5.0075, 9.4893

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.



37.5729, -1.9334, 9.9517



37.5722, -6.6642, -6.5354



37.5729, 6.5488, 6.2044

Square

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



37.5729, -6.6646, -6.5347



37.5729, 6.4691, -2.7877



37.5729, 2.8895, 8.9829



37.5729, -9.7922, 6.3108

Rectangle

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



37.5722, -6.6642, -6.5354



37.5729, 1.2002, -7.4228



37.5729, 2.8895, 8.9829



37.5729, -5.1097, 9.5512

Sweetspot

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



37.5729, -6.6646, -6.5347



56.6428, -5.2886, -0.3144



40.9013, -16.9791, 9.4521



27.3316, -2.6733, -0.3492



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.



37.5729, -6.6646, -6.5347



48.3317, -9.6533, -11.5522



32.0542, 2.4673, -14.8665



20.7316, -1.8414, 0.0355



27.7711, -4.7961, -24.3582



59.3087, -8.3795, -56.0417

Inverse Universe

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



33.4669, 15.4183, -4.7405



41.8825, 26.1715, -8.1477



41.3949, -4.2280, 14.2828



20.1392, 1.0993, 0.1834



22.3281, 41.0555, -7.4167



48.5985, 89.0671, -13.8728

Previews

White Background



This preview shows how the HunterLab color 37.5722, -6.6642, -6.5354 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 37.5722, -6.6642, -6.5354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

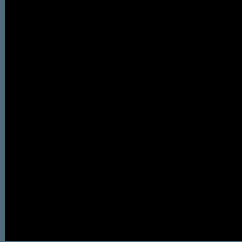
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

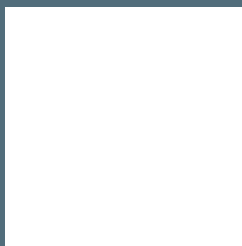
Any Text WCAG AAA × Fail

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

HunterLab 37.5722, -6.6642, -6.5354 Background



This preview shows how black text looks on a background with the HunterLab color 37.5722, -6.6642, -6.5354.



This preview shows how white text looks on a background with the HunterLab color 37.5722, -6.6642, -6.5354.

-6.5354.

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

37.5722, -6.6642, -6.5354

Protanopia

37.5253, 0.0695, -4.9514

Deuteranopia

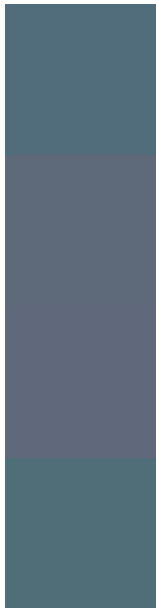
37.3647, 2.5208, -7.1900



Tritanopia

37.6686, -8.0418, -4.4000

Trichromacy



Original Color

37.5722, -6.6642, -6.5354

Protanomaly

37.5076, -2.7177, -5.5299

Deuteranomaly

37.4769, -1.2205, -7.0959

Tritanomaly

37.7007, -7.8612, -4.8516

Monochromacy



Original Color

37.5722, -6.6642, -6.5354

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

36.8899, -4.1596, -1.0509

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5722, -6.6642, -6.5354 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(81, 109, 123)` looks like.

```
.text, #text, p{  
    color:rgb(81, 109, 123)  
}
```

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(81, 109, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 109, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5722, -6.6642, -6.5354 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(81, 109, 123) }
```


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

```
.border{ border-color:rgb(81, 109, 123) }
```

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

Here you see how a box with a 4 pixel rgb(81, 109, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 109, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 109, 123);  
box-shadow:4px 4px 4px 4px rgb(81, 109,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5722, -6.6642, -6.5354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 109, 123) }
```

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

```
.background{ background-color: rgb(81, 109,  
123) }
```

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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