

Converting Colors

HunterLab(37.6609, -0.0865,
-21.5586)

Have a look what the booklet for
HunterLab(37.6609, -0.0865,
-21.5586) contains.

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Color

**HunterLab(37.6609, -0.0865,
-21.5586)**

Conversions

Conversions Part 1

Format	Color
Hex	506A95
RGB	80, 106, 149
RGB Percent	31%, 42%, 58%
CMY	0.6863, 0.5843, 0.4157
CMYK	0.46, 0.29, 0.00, 0.42
HSL	217°, 30%, 45%
HSV	217°, 46%, 58%
XYZ	13.8871, 14.1834, 30.4395
YIQ	103.1280, -29.2990, 7.8610

Conversions

Conversions Part 2

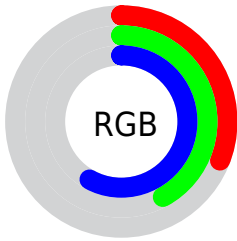
Format	Color
R _Y B	80, 99, 149
Decimal	5270165
CIE Lab	44.50, 2.59, -26.47
CIE LCh	44, 26.599, 275.594
Yxy	14.1840, 0.2373, 0.2424
Android (android.graphics.Color)	4283460245 (0xFF506A95)
YUV	103.1280, 22.6149, -20.2833
Hunter-Lab	37.6609, -0.0865, -21.5586

Details

The HunterLab color $[37.6609, -0.0865, -21.5586]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[45.9730, 0.7960, 18.5537]$, and the grayscale version is $[36.8027, -1.9637, 1.9996]$.

A 20% lighter version of the original color is $[57.7332, -1.0065, -22.4661]$, and $[20.5980, 0.5284, -20.5594]$ is the 20% darker color. If you saturate the color by 10%, you get $[34.3428, 1.5443, -27.9000]$, and if you desaturate by 10%, it is $[41.1397, -1.2810, -15.6511]$.

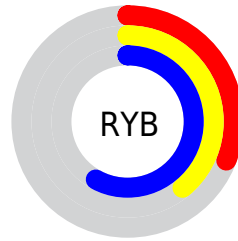
Distribution



Red (31%)

Green (42%)

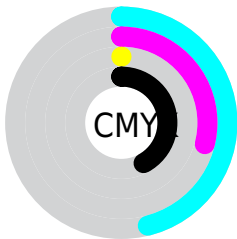
Blue (58%)



Red (31%)

Yellow (39%)

Blue (58%)

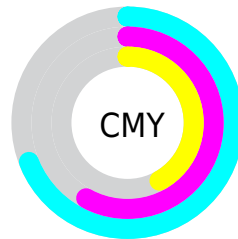


Cyan (46%)

Magenta (29%)

Yellow (0%)

Black (42%)



Cyan (69%)

Magenta (58%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6609, -0.0865, -21.5586 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 37.6609, -0.0865, -21.5586 by changing the saturation by 10% instead.

■ 37.6609, -0.0865,
-21.5586

■ 37.6609, -0.0865,
-21.5586

■ 147.7742, -4.8746,
-24.2343

■ 28.7206, 0.2281,
-21.0133

■ 57.8058, -0.8725,
-22.5394

■ 20.6265, 0.4810,
-20.4914

■ 68.9056, -1.3337,
-22.9494

■ 13.4793, 0.6601,
-20.1377

■ 80.6369, -1.8356,
-23.3013

■ 7.0547, 1.2246,
-22.0722

■ 92.9674, -2.3756,
-23.5956

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 105.8692, -2.9512,
-23.8339

0.0000, NaN, NaN

119.3182, -3.5607,

0.0000, NaN, NaN

-24.0183

0.0000, NaN, NaN

133.2929, -4.2023,
-24.1511

■ 37.6609, -0.0865,
-21.5586

■ 37.6609, -0.0865,
-21.5586

■ 34.3428, 1.5443,
-27.9000

■ 41.1397, -1.2810,
-15.6511

■ 31.2082, 3.6884,
-34.7246

■ 44.7567, -2.1075,
-10.1250

■ 28.2878, 6.4233,
-42.0533

■ 48.4961, -2.6243,
-4.9255

■ 25.6162, 9.8104,
-49.8557

■ 52.3442, -2.8800,
-0.0032

■ 23.2221, 13.8391,
-58.0451

■ 56.2900, -2.9143,
4.6852

■ 22.3882, 15.4038,
-61.2357

■ 60.3242, -2.7597,
9.1767

■ 64.4391, -2.4430,
13.5023

■ 68.6281, -1.9859,
17.6885

■ 72.8858, -1.4065,
21.7573

Harmonies

Analogous

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



37.6616, -9.7553, -19.1264



37.6609, -0.0865, -21.5586



37.6616, 10.0582, -16.4286

Triad

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



37.6616, -0.0866, -21.5578



37.6616, 15.2439, 11.3488



37.6616, -18.2148, 8.9544

Complementary

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



37.6609, -0.0865, -21.5586



45.9730, 0.7960, 18.5537

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.



37.6616, -12.7299, 14.2556



37.6609, -0.0865, -21.5586



37.6616, 6.4133, 15.3594

Square

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



37.6616, -0.0866, -21.5578



37.6616, 19.4911, 3.8184



37.6616, -3.8986, 16.2611



37.6616, -19.5630, 0.1915

Rectangle

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



37.6609, -0.0865, -21.5586



37.6616, 15.5168, -10.0476



37.6616, -3.8986, 16.2611



37.6616, -16.8244, 11.1186

Sweetspot

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



37.6616, -0.0866, -21.5578



65.9294, -3.6075, -5.2310



49.6181, -23.5045, 7.9468



30.5657, -1.6547, -3.0843



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



37.6616, -0.0866, -21.5578



45.6008, 2.2770, -38.0687



31.5990, 14.3146, -33.6297



24.4331, -1.3501, -0.6678



20.6692, 13.8202, -55.6685



3.2525, -0.3355, -3.3411

Inverse Universe

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



36.2877, 24.3747, 0.5072



44.1514, 40.9635, 1.3408



52.6618, -13.6164, 23.6663



24.1855, 1.1153, 0.9836



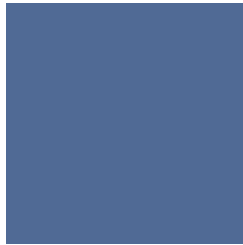
23.7163, 41.6560, 7.2547



2.7248, 4.9753, -0.6355

Previews

White Background



This preview shows how the HunterLab color 37.6609, -0.0865, -21.5586 looks on a white background.

Color Contrast Check

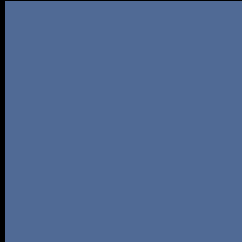
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.6609, -0.0865, -21.5586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

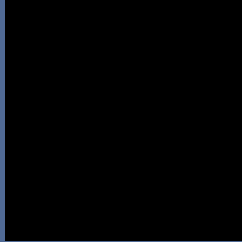
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

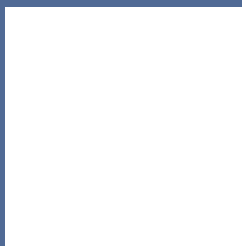
Any Text WCAG AAA × Fail

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

HunterLab 37.6609, -0.0865, -21.5586 Background



This preview shows how black text looks on a background with the HunterLab color 37.6609, -0.0865, -21.5586.



This preview shows how white text looks on a background with the HunterLab color 37.6609, -0.0865,

-21.5586.

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

37.6609, -0.0865, -21.5586

Protanopia

37.5265, 3.4442, -20.4286

Deuteranopia

37.6102, 2.5236, -21.6046



Tritanopia

37.5535, -9.8822, -5.0871

Trichromacy



Original Color

37.6609, -0.0865, -21.5586

Protanomaly

37.5679, 2.2968, -21.0273

Deuteranomaly

37.6887, 1.4059, -21.4824

Tritanomaly

37.5124, -6.3234, -10.9343

Monochromacy



Original Color

37.6609, -0.0865, -21.5586

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.9994, -1.7434, -5.7062

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6609, -0.0865, -21.5586 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(80, 106, 149)` looks like.

```
.text, #text, p{  
    color:rgb(80, 106, 149)  
}
```

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(80, 106, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 106, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6609, -0.0865, -21.5586 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(80, 106, 149) }
```


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

```
.border{ border-color:rgb(80, 106, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 106, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 106, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 106, 149);  
box-shadow:4px 4px 4px 4px rgb(80, 106,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.6609, -0.0865, -21.5586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 106, 149) }
```

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

```
.background{ background-color: rgb(80, 106,  
149) }
```

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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