

Converting Colors

HunterLab(41.2677, 5.6305,
-36.2556)

Have a look what the booklet for
HunterLab(41.2677, 5.6305,
-36.2556) contains.

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Color

**HunterLab(41.3906, 5.5113,
-36.2522)**

Conversions

Conversions Part 1

Format	Color
Hex	5771B4
RGB	87, 113, 180
RGB Percent	34%, 44%, 71%
CMY	0.6588, 0.5569, 0.2941
CMYK	0.52, 0.37, 0.00, 0.29
HSL	223°, 38%, 52%
HSV	223°, 52%, 71%
XYZ	18.0739, 17.1318, 45.5343
YIQ	112.8640, -37.0030, 15.3250

Conversions

Conversions Part 2

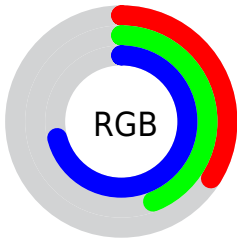
Format	Color
R _Y B	87, 107, 180
Decimal	5730740
CIE Lab	48.43, 9.83, -38.48
CIE LCh	48, 39.718, 284.325
Yxy	17.1324, 0.2239, 0.2122
Android (android.graphics.Color)	4283920820 (0xFF5771B4)
YUV	112.8640, 33.0980, -22.6827
Hunter-Lab	41.3906, 5.5113, -36.2522

Details

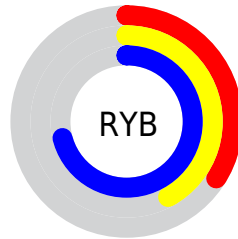
The HunterLab color $41.3906, 5.5113, -36.2522$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $57.8826, -2.3059, 26.3896$, and the grayscale version is $40.4724, -2.1595, 2.1989$.

A 20% lighter version of the original color is $62.2231, 5.1429, -37.1844$, and $23.7944, 5.1030, -35.2799$ is the 20% darker color. If you saturate the color by 10%, you get $36.9885, 8.8796, -46.2677$, and if you desaturate by 10%, it is $46.0574, 2.8083, -27.1569$.

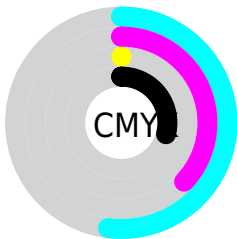
Distribution



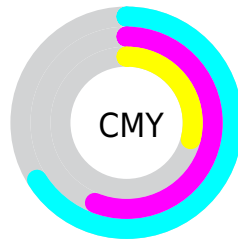
- Red (34%)
- Green (44%)
- Blue (71%)



- Red (34%)
- Yellow (42%)
- Blue (71%)



- Cyan (52%)
- Magenta (37%)
- Yellow (0%)
- Black (29%)



- Cyan (66%)
- Magenta (56%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.3906, 5.5113, -36.2522 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 41.3906, 5.5113, -36.2522 by changing the saturation by 10% instead.

■ 41.3906, 5.5113,
-36.2522

■ 41.3906, 5.5113,
-36.2522

■ 153.6015, 3.5096,
-41.1494

■ 32.1387, 5.4268,
-35.6752

■ 62.0913, 5.4506,
-37.5572

■ 23.7015, 5.2481,
-35.2983

■ 73.4435, 5.3227,
-38.1974

■ 16.1678, 4.9551,
-35.4274

■ 85.4139, 5.1383,
-38.8035

■ 9.6628, 4.5162,
-36.9593

■ 97.9722, 4.9021,
-39.3673

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.0918, 4.6182,
-39.8849

0.0000, NaN, -NF

■ 124.7499, 4.2896,

0.0000, NaN, NaN

-40.3546

0.0000, NaN, NaN

138.9259, 3.9193,
-40.7760

■ 41.3906, 5.5113,
-36.2522

■ 41.3906, 5.5113,
-36.2522

■ 36.9885, 8.8796,
-46.2677

■ 46.0574, 2.8083,
-27.1569

■ 32.9033, 13.0378,
-57.3059

■ 50.9450, 0.6516,
-18.8502

■ 29.2050, 18.0845,
-69.3495

■ 56.0218, -1.0594,
-11.1977

■ 25.9773, 24.0162,
-82.1263

■ 61.2631, -2.4066,
-4.0819

■ 23.6727, 29.3963,
-93.0470

■ 66.6491, -3.4554,
2.5957

■ 72.1644, -4.2574,
8.9160

■ 77.7963, -4.8538,
14.9442

■ 83.5346, -5.2770,
20.7332

■ 89.3706, -5.5532,
26.3258

Harmonies

Analogous

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



41.3913, -10.0409, -35.9349



41.3906, 5.5113, -36.2522



41.3913, 21.0170, -23.9443

Triad

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



41.3913, 5.5115, -36.2512



41.3913, 21.6254, 17.6938



41.3913, -27.4099, 9.2731

Complementary

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



41.3906, 5.5113, -36.2522



57.8826, -2.3059, 26.3896

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.



41.3913, -21.2305, 17.9603



41.3906, 5.5113, -36.2522



41.3913, 6.2486, 21.4397

Square

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



41.3913, 5.5115, -36.2512



41.3913, 31.2161, 8.7361



41.3913, -9.4053, 21.5146



41.3913, -27.5463, -5.4849

Rectangle

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



41.3906, 5.5113, -36.2522



41.3913, 28.5965, -12.1887



41.3913, -9.4053, 21.5146



41.3913, -26.0170, 12.8471

Sweetspot

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



41.3913, 5.5115, -36.2512



79.9348, -2.6393, -8.8641



60.8201, -29.9635, 7.2977



36.4808, -1.0540, -5.0419



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



41.3913, 5.5115, -36.2512



49.0111, 12.6711, -64.2928



36.3974, 23.2496, -47.5043



29.3328, -1.2564, -1.1623



20.0277, 23.8227, -76.4594



4.7657, 1.3344, -8.8372

Inverse Universe

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



42.0866, 33.2786, 4.5066



51.3519, 55.1891, 8.3026



63.8665, -20.9060, 30.6167



29.2285, 1.3145, 1.5068



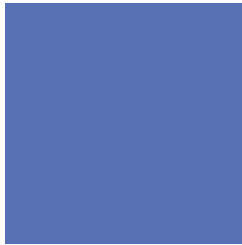
26.3535, 45.7866, 11.9478



4.7823, 8.5165, 0.5581

Previews

White Background



This preview shows how the HunterLab color 41.3906, 5.5113, -36.2522 looks on a white background.

Color Contrast Check

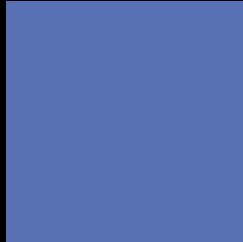
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.3906, 5.5113, -36.2522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

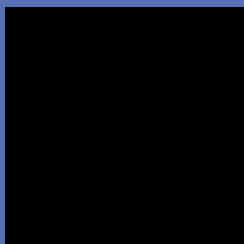
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

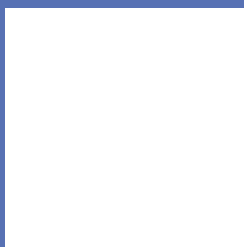
Any Text WCAG AAA × Fail

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

HunterLab 41.3906, 5.5113, -36.2522 Background



This preview shows how black text looks on a background with the HunterLab color 41.3906, 5.5113, -36.2522.

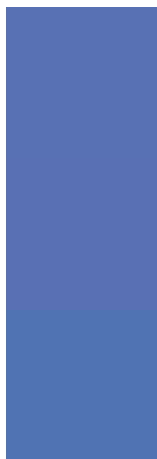


This preview shows how white text looks on a background with the HunterLab color 41.3906, 5.5113, -36.2522.

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

41.3906, 5.5113, -36.2522

Protanopia

41.3005, 6.5954, -36.4236

Deuteranopia

41.5478, 3.2371, -35.9609



Tritanopia

41.4716, -12.6826, -6.3918

Trichromacy



Original Color

41.3906, 5.5113, -36.2522

Protanomaly

41.2401, 6.3982, -36.5550

Deuteranomaly

41.4354, 4.2672, -36.1794

Tritanomaly

41.1988, -6.4046, -16.2501

Monochromacy



Original Color

41.3906, 5.5113, -36.2522

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

40.6933, -0.4621, -9.4157

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.3906, 5.5113, -36.2522 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(87, 113, 180)` looks like.

```
.text, #text, p{  
    color:rgb(87, 113, 180)  
}
```

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(87, 113, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 113, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 41.3906, 5.5113, -36.2522 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(87, 113, 180) }
```


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

```
.border{ border-color:rgb(87, 113, 180) }
```

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

Here you see how a box with a 4 pixel rgb(87, 113, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 113, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 113, 180);  
box-shadow:4px 4px 4px 4px rgb(87, 113,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.3906, 5.5113, -36.2522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 113, 180) }
```

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

```
.background{ background-color: rgb(87, 113,  
180) }
```

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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