

Converting Colors

HunterLab(40.4277, 5.8804,
-30.2518)

Have a look what the booklet for
HunterLab(40.4277, 5.8804,
-30.2518) contains.

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Color

**HunterLab(40.4921, 5.6374,
-29.9120)**

Conversions

Conversions Part 1	
Format	Color
Hex	5E6EA9
RGB	94, 110, 169
RGB Percent	37%, 43%, 66%
CMY	0.6314, 0.5686, 0.3373
CMYK	0.44, 0.35, 0.00, 0.34
HSL	227°, 30%, 52%
HSV	227°, 44%, 66%
XYZ	17.3534, 16.3961, 39.7863
YIQ	111.9420, -28.4750, 14.9570

Conversions

Conversions Part 2

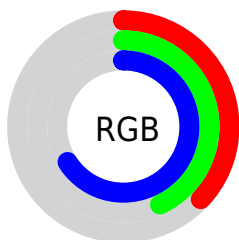
Format	Color
RYB	94, 107, 169
Decimal	6188713
CIELab	47.49, 9.99, -33.52
CIELCh	47, 34.974, 286.594
Yxy	16.3967, 0.2360, 0.2230
Android (android.graphics.Color)	4284378793 (0xFF5E6EA9)
YUV	111.9420, 28.1296, -15.7351
Hunter-Lab	40.4921, 5.6374, -29.9120

Details

The HunterLab color $40.4921, 5.6374, -29.9120$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $56.5919, -5.1225, 23.6866$, and the grayscale version is $40.1349, -2.1415, 2.1806$.

A 20% lighter version of the original color is $61.0097, 6.0159, -31.5270$, and $23.0451, 5.3925, -29.0041$ is the 20% darker color. If you saturate the color by 10%, you get $35.9750, 8.8807, -39.5403$, and if you desaturate by 10%, it is $45.2520, 2.9534, -21.2451$.

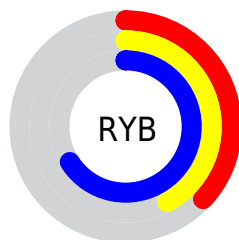
Distribution



Red (37%)

Green (43%)

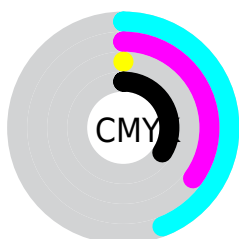
Blue (66%)



Red (37%)

Yellow (42%)

Blue (66%)

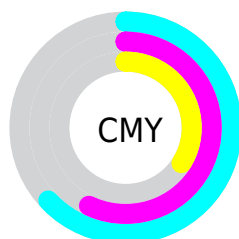


Cyan (44%)

Magenta (35%)

Yellow (0%)

Black (34%)



Cyan (63%)

Magenta (57%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 40.4921, 5.6374, -29.9120 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 40.4921, 5.6374, -29.9120 by changing the saturation by 10% instead.

 40.4921, 5.6374,
-29.9120


 40.4921, 5.6374,
-29.9120


152.2075, 3.7438,
-33.9786


 31.3134, 5.5354,
-29.3165


 61.0619, 5.6063,
-31.1213

 22.9566, 5.3372,
-28.8312

 72.3545, 5.4916,
-31.6787

 15.5131, 5.0214,
-28.6774

 84.2685, 5.3196,
-32.1895

 9.1064, 4.5810,
-29.5619

 96.7728, 5.0951,
-32.6497

0.0000, NaN, -NF

0.0000, NaN, -NF

109.8410, 4.8222,
-33.0582

0.0000, NaN, NaN

123.4496, 4.5042,

0.0000, NaN, NaN

-33.4151

0.0000, NaN, NaN

137.5779, 4.1439,
-33.7215

■ 40.4921, 5.6374,
-29.9120

■ 40.4921, 5.6374,
-29.9120

■ 35.9750, 8.8807,
-39.5403

■ 45.2520, 2.9534,
-21.2451

■ 31.7511, 12.8092,
-50.3039

■ 50.2135, 0.7186,
-13.3675

■ 27.8922, 17.5401,
-62.2965

■ 55.3479, -1.1567,
-6.1250

■ 24.4913, 23.1153,
-75.3741

■ 60.6328, -2.7430,
0.6085

■ 21.6616, 29.3634,
-88.8790

■ 66.0508, -4.0952,
6.9342

■ 20.3211, 32.8997,
-96.4206

■ 71.5880, -5.2562,
12.9321

■ 77.2333, -6.2593,
18.6655

■ 82.9777, -7.1310,
24.1848

■ 88.8135, -7.8921,
29.5298

Harmonies

Analogous

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



40.4928, -8.0903, -30.5288



40.4921, 5.6374, -29.9120



40.4928, 18.8045, -19.0700

Triad

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



40.4928, 5.6374, -29.9110



40.4928, 17.5726, 16.5090



40.4928, -24.7312, 7.5936

Complementary

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



40.4921, 5.6374, -29.9120



56.5919, -5.1225, 23.6866

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.



40.4928, -19.5767, 15.9182



40.4921, 5.6374, -29.9120



40.4928, 4.1267, 19.7870

Square

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



40.4928, 5.6374, -29.9110



40.4928, 26.2974, 8.7268



40.4928, -9.4138, 19.6145



40.4928, -24.4397, -5.6243

Rectangle

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



40.4921, 5.6374, -29.9120



40.4928, 24.9550, -9.0658



40.4928, -9.4138, 19.6145



40.4928, -23.6106, 10.9476

Sweetspot

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



40.4928, 5.6374, -29.9110



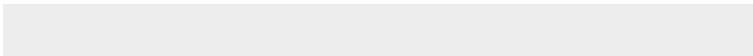
74.8694, -1.8090, -7.1339



57.4871, -24.4242, 4.0246



34.2594, -0.6159, -4.2575



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



40.4928, 5.6374, -29.9110



48.3955, 11.6809, -52.3327



38.1216, 18.8249, -34.5600



27.4779, -0.9458, -1.2493



17.7311, 27.7809, -82.1334



3.8264, 1.5652, -8.1614

Inverse Universe

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



41.9129, 25.3718, 5.4020



51.3578, 42.3658, 8.8655



59.5459, -19.1416, 25.8119



27.5091, 1.1357, 1.6259



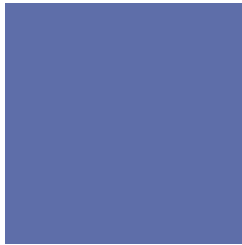
25.2754, 43.6878, 13.2085



4.0310, 7.1398, 0.7708

Previews

White Background



This preview shows how the HunterLab color 40.4921, 5.6374, -29.9120 looks on a white background.

Color Contrast Check

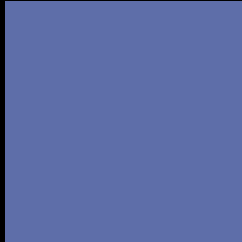
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.4921, 5.6374, -29.9120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

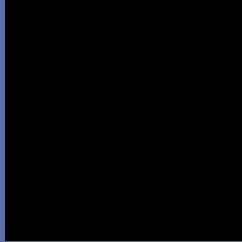
Any Text WCAG AA ✗ Fail

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 40.4921, 5.6374, -29.9120 Background



This preview shows how black text looks on a background with the HunterLab color 40.4921, 5.6374, -29.9120.



This preview shows how white text looks on a background with the HunterLab color 40.4921, 5.6374, -29.9120.

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

40.4921, 5.6374, -29.9120

Protanopia

40.3630, 5.2126, -30.1747

Deuteranopia

40.5945, 3.2101, -29.7527



Tritanopia

40.4405, -9.2326, -5.1832

Trichromacy



Original Color

40.4921, 5.6374, -29.9120

Protanomaly

40.4272, 5.4240, -30.0440

Deuteranomaly

40.5057, 4.3051, -29.9085

Tritanomaly

40.3372, -4.1274, -13.4133

Monochromacy



Original Color

40.4921, 5.6374, -29.9120

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.0819, -0.0303, -8.1266

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4921, 5.6374, -29.9120 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(94, 110, 169)` looks like.

```
.text, #text, p{  
    color:rgb(94, 110, 169)  
}
```

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(94, 110, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 110, 169) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4921, 5.6374, -29.9120 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(94, 110, 169) }
```


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

```
.border{ border-color:rgb(94, 110, 169) }
```

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

Here you see how a box with a 4 pixel rgb(94, 110, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 110, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 110, 169);  
box-shadow:4px 4px 4px 4px rgb(94, 110,  
169) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4921, 5.6374, -29.9120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 110, 169) }
```

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

```
.background{ background-color: rgb(94, 110, 169) }
```

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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