

Converting Colors

HunterLab(45.5182, -4.9253,
-25.3268)

Have a look what the booklet for
HunterLab(45.5182, -4.9253,
-25.3268) contains.

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Color

**HunterLab(45.6129, -4.9700,
-25.3711)**

Conversions

Conversions Part 1

Format	Color
Hex	5082B0
RGB	80, 130, 176
RGB Percent	31%, 51%, 69%
CMY	0.6863, 0.4902, 0.3098
CMYK	0.55, 0.26, 0.00, 0.31
HSL	209°, 38%, 50%
HSV	209°, 55%, 69%
XYZ	19.1274, 20.8054, 44.0821
YIQ	120.2940, -44.5660, 3.7060

Conversions

Conversions Part 2

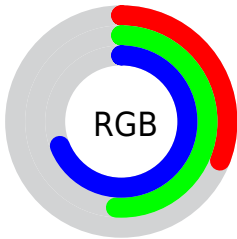
Format	Color
R _Y B	80, 113, 176
Decimal	5276336
CIE Lab	52.74, -3.27, -29.44
CIE LCh	53, 29.625, 263.664
Yxy	20.8061, 0.2277, 0.2476
Android (android.graphics.Color)	4283466416 (0xFF5082B0)
YUV	120.2940, 27.4631, -35.3378
Hunter-Lab	45.6129, -4.9700, -25.3711

Details

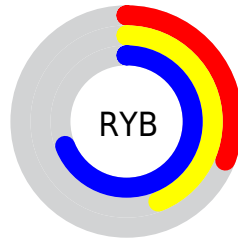
The HunterLab color $[45.6129, -4.9700, -25.3711]$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $[49.7314, 9.2137, 21.7563]$, and the grayscale version is $[43.3626, -2.3137, 2.3560]$.

A 20% lighter version of the original color is $[66.9657, -6.5949, -26.4448]$, and $[27.2332, -3.6474, -24.0797]$ is the 20% darker color. If you saturate the color by 10%, you get $[42.4090, -3.6924, -31.3570]$, and if you desaturate by 10%, it is $[49.0016, -5.6776, -19.6037]$.

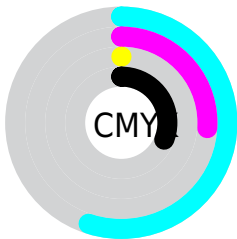
Distribution



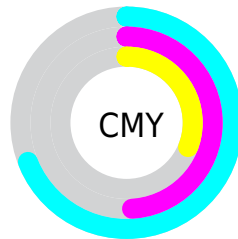
- Red (31%)
- Green (51%)
- Blue (69%)



- Red (31%)
- Yellow (44%)
- Blue (69%)



- Cyan (55%)
- Magenta (26%)
- Yellow (0%)
- Black (31%)



- Cyan (69%)
- Magenta (49%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.6129, -4.9700, -25.3711 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 45.6129, -4.9700, -25.3711 by changing the saturation by 10% instead.

■ 45.6129, -4.9700,
-25.3711

■ 45.6129, -4.9700,
-25.3711

160.0770,
-12.4244, -28.3575

■ 36.0310, -4.2622,
-24.7986

■ 66.9064, -6.4595,
-26.4032

■ 27.2331, -3.5783,
-24.2315

■ 78.5291, -7.2412,
-26.8431

■ 19.2973, -2.9165,
-23.7577

■ 90.7563, -8.0471,
-27.2279

■ 12.3301, -2.2717,
-23.6246

■ 103.5596, -8.8768,
-27.5578

■ 5.5042, -2.8822,
-30.6651

■ 116.9139, -9.7299,
-27.8340

0.0000, NaN, -NF

0.0000, NaN, NaN

130.7976,

-10.6058, -28.0581

0.0000, NaN, NaN

145.1911,
-11.5041, -28.2319

0.0000, NaN, NaN

■ 45.6129, -4.9700,
-25.3711

■ 45.6129, -4.9700,
-25.3711

■ 42.4090, -3.6924,
-31.3570

■ 49.0016, -5.6776,
-19.6037

■ 39.4062, -1.7831,
-37.5497

■ 52.5548, -5.8806,
-14.0576

■ 36.6236, 0.8057,
-43.9145

■ 56.2573, -5.6409,
-8.7222

■ 34.0754, 4.0885,
-50.3999

■ 60.0947, -5.0151,
-3.5825

■ 32.7584, 6.0706,
-54.0500

■ 64.0544, -4.0525,
1.3795

■ 68.1256, -2.7960,
6.1822

■ 72.2986, -1.2823,
10.8434

■ 76.5654, 0.4574,
15.3802

■ 80.9186, 2.3968,
19.8077

Harmonies

Analogous

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



45.6137, -15.3924, -19.1291



45.6129, -4.9700, -25.3711



45.6137, 7.2603, -22.7279

Triad

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



45.6137, -4.9700, -25.3701



45.6137, 20.8328, 10.4869



45.6137, -19.6709, 13.7252

Complementary

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



45.6129, -4.9700, -25.3711



49.7314, 9.2137, 21.7563

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.



45.6137, -11.3850, 18.4316



45.6129, -4.9700, -25.3711



45.6137, 12.1497, 16.9303

Square

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



45.6137, -4.9700, -25.3701



45.6137, 23.0052, -0.0220



45.6137, 0.1539, 19.4297



45.6137, -23.2918, 4.8533

Rectangle

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



45.6129, -4.9700, -25.3711



45.6137, 14.7236, -16.5550



45.6137, 0.1539, 19.4297



45.6137, -17.3831, 15.7431

Sweetspot

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



45.6137, -4.9700, -25.3701



80.0206, -6.9346, -6.0091



58.5084, -33.6747, 15.8687



36.7671, -3.3170, -3.4365



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



45.6137, -4.9700, -25.3701



56.4491, -4.6216, -43.5416



33.2539, 18.3193, -52.4227



29.8964, -2.1901, -0.4691



28.2691, 4.8040, -45.7043



6.0618, -0.9361, -5.5558

Inverse Universe

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



40.7185, 37.4732, -5.0058



49.9947, 60.8178, -6.5011



62.9447, -13.0028, 31.4089



29.2860, 1.6241, 0.6862



27.1051, 48.5380, 1.0832



4.9282, 9.0442, -1.5010

Previews

White Background



This preview shows how the HunterLab color 45.6129, -4.9700, -25.3711 looks on a white background.

Color Contrast Check

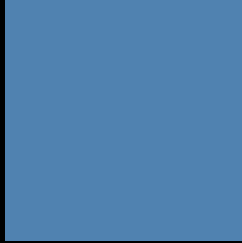
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 45.6129, -4.9700, -25.3711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

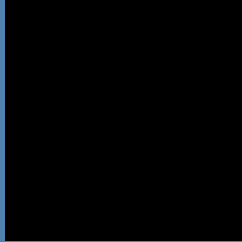
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

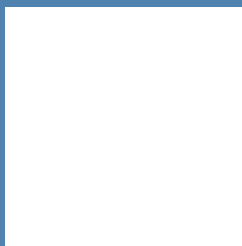
Any Text WCAG AAA × Fail

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

HunterLab 45.6129, -4.9700, -25.3711 Background



This preview shows how black text looks on a background with the HunterLab color 45.6129, -4.9700, -25.3711.



This preview shows how white text looks on a background with the HunterLab color 45.6129, -4.9700, -25.3711.

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

45.6129, -4.9700, -25.3711

Protanopia

45.5358, 3.0786, -22.0527

Deuteranopia

45.4465, 3.2934, -26.2038



Tritanopia

45.4626, -15.5352, -7.7233

Trichromacy



Original Color

45.6129, -4.9700, -25.3711

Protanomaly

45.4403, 0.0625, -23.5839

Deuteranomaly

45.4284, 0.3680, -26.2876

Tritanomaly

45.4157, -11.7928, -13.8646

Monochromacy



Original Color

45.6129, -4.9700, -25.3711

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

43.9454, -4.7376, -6.4782

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.6129, -4.9700, -25.3711 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, 130, 176)` looks like.

```
.text, #text, p{  
    color:rgb(80, 130, 176)  
}
```

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, 130, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 130, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 45.6129, -4.9700, -25.3711 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, 130, 176) }
```


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

```
.border{ border-color:rgb(80, 130, 176) }
```

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

Here you see how a box with a 4 pixel rgb(80, 130, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 130, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 130, 176);  
box-shadow:4px 4px 4px 4px rgb(80, 130,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.6129, -4.9700, -25.3711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 130, 176) }
```

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

```
.background{ background-color: rgb(80, 130,  
176) }
```

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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