

Converting Colors

HunterLab(45.5150, -1.1017,
-27.5353)

Have a look what the booklet for
HunterLab(45.5150, -1.1017,
-27.5353) contains.

HunterLab(45.3950, -1.0244, -27.7477)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(45.3950, -1.0244,
-27.7477)**

Conversions

Conversions Part 1

Format	Color
Hex	5A7FB3
RGB	90, 127, 179
RGB Percent	35%, 50%, 70%
CMY	0.6470, 0.5020, 0.2980
CMYK	0.50, 0.29, 0.00, 0.30
HSL	215°, 37%, 53%
HSV	215°, 50%, 70%
XYZ	19.9425, 20.6071, 45.5743
YIQ	121.8650, -38.7440, 8.3280

Conversions

Conversions Part 2

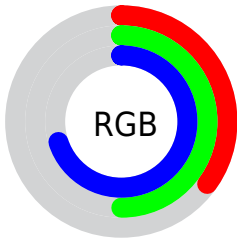
Format	Color
R_{YB}	90, 116, 179
Decimal	5930931
CIE _{Lab}	52.52, 1.78, -31.47
CIE _{LCh}	53, 31.523, 273.235
Yxy	20.6078, 0.2316, 0.2393
Android (android.graphics.Color)	4284121011 (0xFF5A7FB3)
YUV	121.8650, 28.1676, -27.9456
Hunter-Lab	45.3950, -1.0244, -27.7477

Details

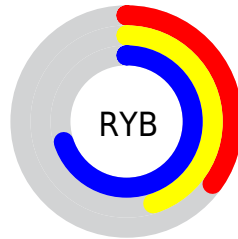
The HunterLab color $45.3950, -1.0244, -27.7477$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $54.4691, 3.3509, 23.0924$, and the grayscale version is $43.9686, -2.3461, 2.3889$.

A 20% lighter version of the original color is $66.8284, -2.1128, -28.5889$, and $26.9786, -0.1209, -26.7570$ is the 20% darker color. If you saturate the color by 10%, you get $41.5365, 0.9053, -35.2664$, and if you desaturate by 10%, it is $49.4564, -2.3788, -20.6949$.

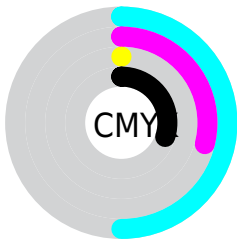
Distribution



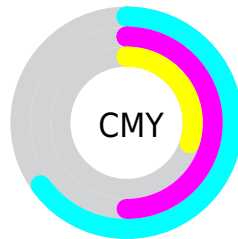
- Red (35%)
- Green (50%)
- Blue (70%)



- Red (35%)
- Yellow (45%)
- Blue (70%)



- Cyan (50%)
- Magenta (29%)
- Yellow (0%)
- Black (30%)



- Cyan (65%)
- Magenta (50%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.3950, -1.0244, -27.7477 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 45.3950, -1.0244, -27.7477 by changing the saturation by 10% instead.

■ 45.3950, -1.0244,
-27.7477

■ 45.3950, -1.0244,
-27.7477

■ 159.7457, -6.4096,
-31.1921

■ 35.8296, -0.6183,
-27.1509

■ 66.6588, -1.9709,
-28.8624

■ 27.0496, -0.2635,
-26.5839

■ 78.2679, -2.5044,
-29.3520

■ 19.1338, 0.0328,
-26.1584

■ 90.4822, -3.0745,
-29.7892

■ 12.1894, 0.2599,
-26.1845

■ 103.2731, -3.6790,
-30.1730

■ 5.2793, 1.1864,
-35.2577

■ 116.6156, -4.3162,
-30.5039

0.0000, NaN, -NF

0.0000, NaN, -NF

130.4879, -4.9846,

-30.7829

0.0000, NaN, NaN

144.8704, -5.6828,
-31.0118

0.0000, NaN, NaN

■ 45.3950, -1.0244,
-27.7477

■ 45.3950, -1.0244,
-27.7477

■ 41.5365, 0.9053,
-35.2664

■ 49.4564, -2.3788,
-20.6949

■ 37.9080, 3.5005,
-43.2839

■ 53.6935, -3.2423,
-14.0646

■ 34.5441, 6.8458,
-51.7938

■ 58.0863, -3.6891,
-7.8041

■ 31.4812, 10.9954,
-60.7304

■ 62.6177, -3.7818,
-1.8632

■ 28.7241, 15.8496,
-70.0541

■ 67.2734, -3.5729,
3.8039

■ 28.6493, 15.9901,
-70.3273

■ 72.0416, -3.1056,
9.2380

■ 76.9121, -2.4157,
14.4740

■ 81.8766, -1.5327,
19.5420

■ 86.9279, -0.4809,
24.4675

Harmonies

Analogous

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



45.3958, -13.0055, -23.8631



45.3950, -1.0244, -27.7477



45.3958, 11.8984, -21.8577

Triad

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



45.3958, -1.0244, -27.7467



45.3958, 20.1000, 13.5404



45.3958, -22.4128, 11.8172

Complementary

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



45.3950, -1.0244, -27.7477



54.4691, 3.3509, 23.0924

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.



45.3958, -15.1662, 18.0401



45.3950, -1.0244, -27.7477



45.3958, 9.2239, 18.8237

Square

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



45.3958, -1.0244, -27.7467



45.3958, 24.9155, 3.7752



45.3958, -3.8081, 20.2080



45.3958, -24.5168, 1.1270

Rectangle

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



45.3950, -1.0244, -27.7477



45.3958, 19.0698, -13.9329



45.3958, -3.8081, 20.2080



45.3958, -20.5404, 14.3896

Sweetspot

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



45.3958, -1.0244, -27.7467



80.4212, -5.0464, -6.8448



60.3033, -30.8981, 11.4880



37.2613, -2.3566, -4.0076



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.



45.3958, -1.0244, -27.7467



54.9399, 1.6084, -48.5470



36.2384, 19.1768, -47.1115



29.6501, -1.7841, -0.7704



24.3360, 12.8708, -58.2021



5.5014, -0.0215, -6.8299

Inverse Universe

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



42.9292, 33.3065, -0.6960



52.1402, 55.1255, -0.0549



64.5774, -16.5757, 30.6205



29.2608, 1.4882, 1.0464



26.7170, 47.1224, 6.6538



4.8614, 8.8035, -0.5655

Previews

White Background



This preview shows how the HunterLab color 45.3950, -1.0244, -27.7477 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 45.3950, -1.0244, -27.7477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

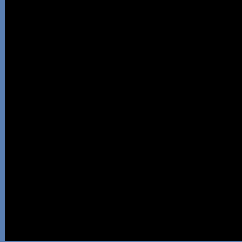
Any Text WCAG AA ✓ Pass

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 45.3950, -1.0244, -27.7477 Background



This preview shows how black text looks on a background with the HunterLab color 45.3950, -1.0244, -27.7477.

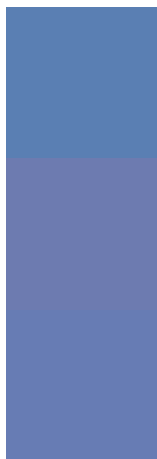


This preview shows how white text looks on a background with the HunterLab color 45.3950, -1.0244,

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

45.3950, -1.0244, -27.7477

Protanopia

45.3340, 4.2421, -25.7101

Deuteranopia

45.3808, 3.3396, -28.3928



Tritanopia

45.5259, -13.8645, -6.5527

Trichromacy



Original Color

45.3950, -1.0244, -27.7477

Protanomaly

45.1823, 2.4053, -26.6993

Deuteranomaly

45.3422, 1.7824, -28.4918

Tritanomaly

45.2835, -9.2021, -14.0223

Monochromacy



Original Color

45.3950, -1.0244, -27.7477

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

44.3999, -2.9386, -7.3941

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.3950, -1.0244, -27.7477 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(90, 127, 179)` looks like.

```
.text, #text, p{  
    color:rgb(90, 127, 179)  
}
```

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(90, 127, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 127, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 45.3950, -1.0244, -27.7477 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(90, 127, 179) }
```


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

```
.border{ border-color:rgb(90, 127, 179) }
```

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

Here you see how a box with a 4 pixel rgb(90, 127, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 127, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 127, 179);  
box-shadow:4px 4px 4px 4px rgb(90, 127,  
179) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.3950, -1.0244, -27.7477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 127, 179) }
```

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

```
.background{ background-color: rgb(90, 127,  
179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor