

Converting Colors

HunterLab(45.9919, -6.1369,
-20.3925)

Have a look what the booklet for
HunterLab(45.9919, -6.1369,
-20.3925) contains.

HunterLab(45.9082, -6.0146, -20.2945)	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(45.9082, -6.0146,
-20.2945)**

Conversions

Conversions Part 1

Format	Color
Hex	5683A9
RGB	86, 131, 169
RGB Percent	34%, 51%, 66%
CMY	0.6627, 0.4863, 0.3373
CMYK	0.49, 0.22, 0.00, 0.34
HSL	207°, 33%, 50%
HSV	207°, 49%, 66%
XYZ	19.1155, 21.0756, 40.5967
YIQ	121.8770, -39.0180, 2.2780

Conversions

Conversions Part 2

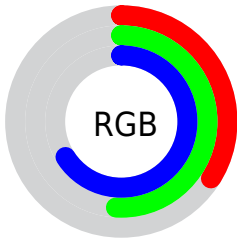
Format	Color
R _Y B	86, 115, 169
Decimal	5669801
CIE Lab	53.03, -4.61, -24.93
CIE LCh	53, 25.349, 259.527
Yxy	21.0764, 0.2366, 0.2609
Android (android.graphics.Color)	4283859881 (0xFF5683A9)
YUV	121.8770, 23.2316, -31.4641
Hunter-Lab	45.9082, -6.0146, -20.2945

Details

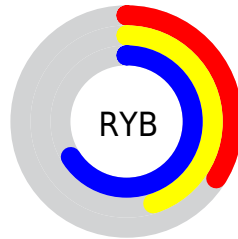
The HunterLab color $45.9082, -6.0146, -20.2945$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $48.5005, 8.0544, 19.2632$, and the grayscale version is $43.9920, -2.3473, 2.3902$.

A 20% lighter version of the original color is $67.2594, -7.8051, -20.8569$, and $27.5321, -4.5166, -19.3563$ is the 20% darker color. If you saturate the color by 10%, you get $42.8548, -5.2742, -25.6176$, and if you desaturate by 10%, it is $49.1247, -6.2507, -15.1429$.

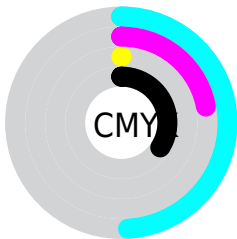
Distribution



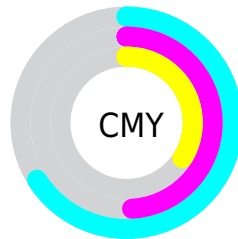
- Red (34%)
- Green (51%)
- Blue (66%)



- Red (34%)
- Yellow (45%)
- Blue (66%)



- Cyan (49%)
- Magenta (22%)
- Yellow (0%)
- Black (34%)



- Cyan (66%)
- Magenta (49%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.9082, -6.0146, -20.2945 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 45.9082, -6.0146, -20.2945 by changing the saturation by 10% instead.

■ 45.9082, -6.0146,
-20.2945

■ 45.9082, -6.0146,
-20.2945

160.5255,
-14.0290, -22.1718

■ 36.3041, -5.2249,
-19.8044

■ 67.2419, -7.6516,
-21.1062

■ 27.4819, -4.4514,
-19.2792

■ 78.8829, -8.5005,
-21.4231

■ 19.5192, -3.6896,
-18.7656

■ 91.1276, -9.3702,
-21.6814

■ 12.5214, -2.9300,
-18.4055

■ 103.9475,
-10.2608, -21.8830

■ 5.7946, -3.7745,
-22.7543

117.3179,
-11.1722, -22.0305

0.0000, NaN, -NF

0.0000, NaN, NaN

131.2170,

-12.1041, -22.1262

0.0000, NaN, NaN

145.6253,
-13.0565, -22.1726

0.0000, NaN, NaN

■ 45.9082, -6.0146,
-20.2945

■ 45.9082, -6.0146,
-20.2945

■ 42.8548, -5.2742,
-25.6176

■ 49.1247, -6.2507,
-15.1429

■ 39.9777, -3.9719,
-31.1050

■ 52.4870, -6.0399,
-10.1654

■ 37.2936, -2.0582,
-36.7321

■ 55.9821, -5.4362,
-5.3538

■ 34.8161, 0.4968,
-42.4607

■ 59.5982, -4.4881,
-0.6969

■ 32.5321, 3.6160,
-48.3014

■ 63.3245, -3.2386,
3.8185

■ 32.3334, 3.9029,
-48.8392

■ 67.1517, -1.7244,
8.2063

■ 71.0715, 0.0226,
12.4801

■ 75.0767, 1.9752,
16.6529

■ 79.1611, 4.1104,
20.7366

Harmonies

Analogous

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



45.9091, -14.6716, -14.3658



45.9082, -6.0146, -20.2945



45.9091, 4.3928, -19.1701

Triad

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



45.9091, -6.0147, -20.2936



45.9091, 17.8558, 8.3885



45.9091, -16.6347, 13.1694

Complementary

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



45.9082, -6.0146, -20.2945



48.5005, 8.0544, 19.2632

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.



45.9091, -8.9180, 17.0033



45.9082, -6.0146, -20.2945



45.9091, 11.1965, 14.6961

Square

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



45.9091, -6.0147, -20.2936



45.9091, 18.8080, -1.0781



45.9091, 1.2227, 17.4922



45.9091, -20.4325, 5.8095

Rectangle

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



45.9082, -6.0146, -20.2945



45.9091, 10.9163, -14.6377



45.9091, 1.2227, 17.4922



45.9091, -14.4466, 14.8369

Sweetspot

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



45.9091, -6.0147, -20.2936



76.7593, -6.8387, -4.7466



56.3860, -30.2224, 14.3899



35.3836, -3.3034, -2.8062



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.



45.9091, -6.0147, -20.2936



56.9763, -6.9269, -34.9678



34.9019, 13.9423, -42.0151



28.1941, -2.1345, -0.3674



28.1064, 3.0164, -41.6421



5.4099, -1.2113, -4.1472

Inverse Universe

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



40.9024, 32.2301, -5.3589



49.9445, 53.0655, -7.8103



59.9697, -11.2748, 28.0506



27.5822, 1.5285, 0.5847



26.2079, 47.1023, -0.2777



4.2102, 7.7872, -1.7539

Previews

White Background



This preview shows how the HunterLab color 45.9082, -6.0146, -20.2945 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 45.9082, -6.0146, -20.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

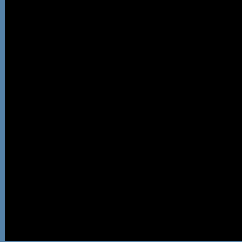
Any Text WCAG AA ✓ Pass

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 45.9082, -6.0146, -20.2945 Background



This preview shows how black text looks on a background with the HunterLab color 45.9082, -6.0146, -20.2945.

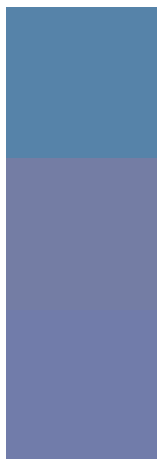


This preview shows how white text looks on a background with the HunterLab color 45.9082, -6.0146, -20.2945.

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

45.9082, -6.0146, -20.2945

Protanopia

45.8918, 2.2921, -17.0574

Deuteranopia

45.6380, 3.3382, -21.2260



Tritanopia

45.8972, -13.9066, -7.0912

Trichromacy



Original Color

45.9082, -6.0146, -20.2945

Protanomaly

45.7550, -0.8843, -18.5698

Deuteranomaly

45.7871, -0.4480, -21.0396

Tritanomaly

46.0186, -11.3433, -11.2306

Monochromacy



Original Color

45.9082, -6.0146, -20.2945

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

44.4775, -4.3911, -5.2308

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.9082, -6.0146, -20.2945 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(86, 131, 169)` looks like.

```
.text, #text, p{  
    color:rgb(86, 131, 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(86, 131, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 131, 169) }
```

Border

The CSS property to change the border of an element to HunterLab 45.9082, -6.0146, -20.2945 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(86, 131, 169) }
```


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

```
.border{ border-color:rgb(86, 131, 169) }
```

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

Here you see how a box with a 4 pixel rgb(86, 131, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 131, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 131, 169);  
box-shadow:4px 4px 4px 4px rgb(86, 131,  
169) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.9082, -6.0146, -20.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 131, 169) }
```

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

```
.background{ background-color: rgb(86, 131,  
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](#).

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