

Converting Colors

HunterLab(45.5809, 2.3476,
-59.9470)

Have a look what the booklet for
HunterLab(45.5809, 2.3476,
-59.9470) contains.

HunterLab(45.5809, 2.3476, -59.9470)	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(45.5809, 2.3476,
-59.9470)**

Conversions

Conversions Part 1

Format	Color
Hex	1680DC
RGB	22, 128, 220
RGB Percent	9%, 50%, 86%
CMY	0.9136, 0.4980, 0.1373
CMYK	0.90, 0.42, 0.00, 0.14
HSL	208°, 82%, 47%
HSV	208°, 90%, 86%
XYZ	20.9683, 20.7762, 70.6151
YIQ	106.7940, -92.7080, 6.1400

Conversions

Conversions Part 2

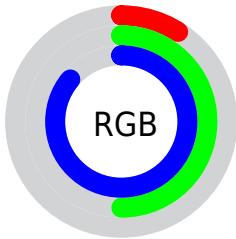
Format	Color
R_{YB}	22, 91, 220
Decimal	1474780
CIE Lab	52.70, 5.98, -54.66
CIE LCh	53, 54.989, 276.247
Yxy	20.7768, 0.1866, 0.1849
Android (android.graphics.Color)	4279664860 (0xFF1680DC)
YUV	106.7940, 55.8106, -74.3643
Hunter-Lab	45.5809, 2.3476, -59.9470

Details

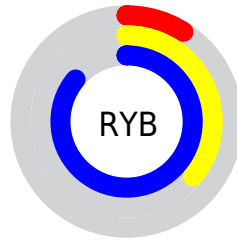
The HunterLab color **45.5809, 2.3476, -59.9470** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **52.2640, 30.4020, 31.8742**, and the grayscale version is **38.0894, -2.0324, 2.0695**.

A 20% lighter version of the original color is **65.5655, -4.6575, -45.2329**, and **29.0132, 8.1020, -53.7539** is the 20% darker color. If you saturate the color by 10%, you get **42.5111, 6.9422, -68.1189**, and if you desaturate by 10%, it is **48.9336, -1.4458, -51.9137**.

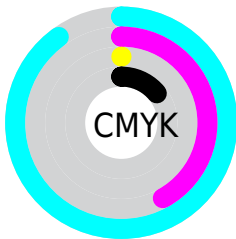
Distribution



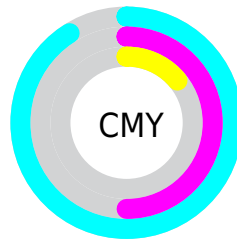
- Red (9%)
- Green (50%)
- Blue (86%)



- Red (9%)
- Yellow (36%)
- Blue (86%)



- Cyan (90%)
- Magenta (42%)
- Yellow (0%)
- Black (14%)



- Cyan (91%)
- Magenta (50%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.5809, 2.3476, -59.9470 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 45.5809, 2.3476, -59.9470 by changing the saturation by 10% instead.

■ 45.5809, 2.3476,
-59.9470

■ 45.5809, 2.3476,
-59.9470

■ 160.0281, -1.3599,
-66.3957

■ 36.0013, 2.5137,
-59.6939

■ 66.8699, 1.8389,
-61.1632

■ 27.2060, 2.6075,
-59.9897

■ 78.4906, 1.5060,
-61.9179

■ 19.2731, 2.6169,
-61.4111

■ 90.7159, 1.1271,
-62.7011

■ 12.3093, 2.5216,
-65.4519

■ 103.5173, 0.7053,
-63.4863

■ 5.4716, 4.4732,
-92.9907

■ 116.8699, 0.2435,
-64.2570

0.0000, NaN, -NF

0.0000, NaN, -NF

130.7519, -0.2559,

-65.0028

0.0000, NaN, -NF

145.1438, -0.7909,
-65.7171

0.0000, NaN, NaN

■ 45.5809, 2.3476,
-59.9470

■ 45.5809, 2.3476,
-59.9470

■ 42.5111, 6.9422,
-68.1189

■ 48.9336, -1.4458,
-51.9137

■ 42.5070, 6.9488,
-68.1305

■ 52.5808, -4.3376,
-44.0262

■ 56.5041, -6.3610,
-36.3427

■ 60.6807, -7.5845,
-28.9003

■ 65.0873, -8.0900,
-21.7148

■ 69.7019, -7.9610,
-14.7855

■ 74.5046, -7.2760,
-8.1013

■ 79.4779, -6.1056,
-1.6446

■ 84.6061, -4.5115,
4.6049

Harmonies

Analogous

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



45.5816, -18.5211, -53.2224



45.5809, 2.3476, -59.9470



45.5816, 25.9360, -44.4855

Triad

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



45.5816, 2.3487, -59.9459



45.5816, 37.7703, 20.6693



45.5816, -35.5430, 16.0935

Complementary

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



45.5809, 2.3476, -59.9470



52.2640, 30.4020, 31.8742

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.



45.5816, -25.2119, 24.7016



45.5809, 2.3476, -59.9470



45.5816, 16.2476, 26.3099

Square

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



45.5816, 2.3487, -59.9459



45.5816, 48.7800, 6.7191



45.5816, -7.0283, 27.3111



45.5816, -37.8399, -2.2074

Rectangle

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



45.5809, 2.3476, -59.9470



45.5816, 39.1980, -26.6655



45.5816, -7.0283, 27.3111



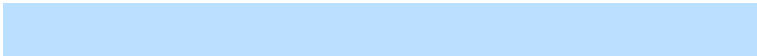
45.5816, -33.0073, 19.8824

Sweetspot

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



45.5816, 2.3487, -59.9459



83.9378, -9.2486, -15.2666



72.4623, -55.8632, 31.3402



37.9427, -4.3686, -8.3393

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.5816, 2.3487, -59.9459



49.9688, 8.7348, -81.3126



25.2338, 53.2086, -142.6138



37.1022, -2.8040, -0.6013



32.9082, 4.6805, -51.2361



9.3459, -0.5093, -10.5821

Inverse Universe

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



41.6524, 71.5249, -2.1519



48.0122, 85.9542, 2.0964



78.3693, -17.0389, 47.4170



36.2870, 2.1480, 0.7565



31.1721, 55.9081, 0.5699



8.0428, 14.6233, -1.3898

Previews

White Background



This preview shows how the HunterLab color 45.5809, 2.3476, -59.9470 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 45.5809, 2.3476, -59.9470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

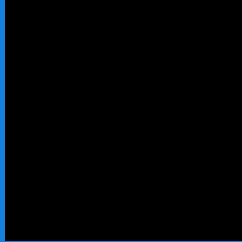
Any Text WCAG AA ✓ Pass

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 45.5809, 2.3476, -59.9470 Background



This preview shows how black text looks on a background with the HunterLab color 45.5809, 2.3476, -59.9470.



This preview shows how white text looks on a background with the HunterLab color 45.5809, 2.3476, -59.9470.

-59.9470.

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

45.5809, 2.3476, -59.9470

Protanopia

45.5032, 9.9797, -54.6802

Deuteranopia

45.6262, 3.9623, -59.8036



Tritanopia

45.4259, -21.8994, -9.5039

Trichromacy



Original Color

45.5809, 2.3476, -59.9470

Protanomaly

45.1634, 6.2904, -57.3468

Deuteranomaly

45.4820, 3.4804, -60.1797

Tritanomaly

45.2490, -14.0881, -25.5070

Monochromacy



Original Color

45.5809, 2.3476, -59.9470

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

39.9200, -5.2186, -17.1042

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.5809, 2.3476, -59.9470 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(22, 128, 220)` looks like.

```
.text, #text, p{  
    color:rgb(22, 128, 220)  
}
```

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(22, 128, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 128, 220) }
```

Border

The CSS property to change the border of an element to HunterLab 45.5809, 2.3476, -59.9470 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(22, 128, 220) }
```


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

```
.border{ border-color:rgb(22, 128, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 128, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 128, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 128, 220);  
box-shadow:4px 4px 4px 4px rgb(22, 128,  
220) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.5809, 2.3476, -59.9470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 128, 220) }
```

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

```
.background{ background-color: rgb(22, 128,  
220) }
```

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