

Converting Colors

HunterLab(51.9882, -7.4302,
-44.6880)

Have a look what the booklet for
HunterLab(51.9882, -7.4302,
-44.6880) contains.

HunterLab(51.9641, -7.4769, -44.5769)	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(51.9641, -7.4769,
-44.5769)**

Conversions

Conversions Part 1

Format	Color
Hex	2595DB
RGB	37, 149, 219
RGB Percent	15%, 58%, 86%
CMY	0.8548, 0.4157, 0.1412
CMYK	0.83, 0.32, 0.00, 0.14
HSL	203°, 72%, 50%
HSV	203°, 83%, 86%
XYZ	24.2966, 27.0027, 70.9493
YIQ	123.4920, -89.2220, -1.9740

Conversions

Conversions Part 2

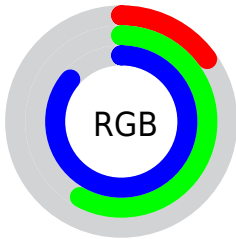
Format	Color
R_{YB}	37, 106, 219
Decimal	2463195
CIE _{Lab}	58.98, -5.85, -44.12
CIE _{LCh}	59, 44.506, 262.448
Yxy	27.0036, 0.1988, 0.2209
Android (android.graphics.Color)	4280653275 (0xFF2595DB)
YUV	123.4920, 47.0854, -75.8535
Hunter-Lab	51.9641, -7.4769, -44.5769

Details

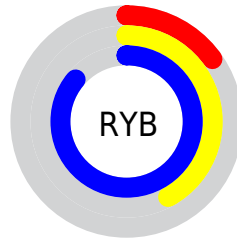
The HunterLab color **51.9641, -7.4769, -44.5769** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **50.7080, 33.7887, 29.7893**, and the grayscale version is **44.5465, -2.3769, 2.4203**.

A 20% lighter version of the original color is **73.1044, -15.0866, -31.9474**, and **34.0647, -1.1204, -40.1594** is the 20% darker color. If you saturate the color by 10%, you get **49.1350, -4.4364, -50.6703**, and if you desaturate by 10%, it is **55.0454, -9.7014, -38.4374**.

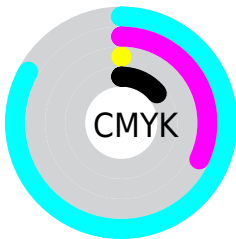
Distribution



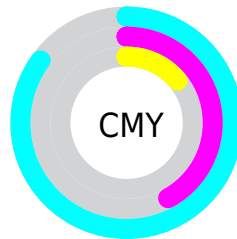
- Red (15%)
- Green (58%)
- Blue (86%)



- Red (15%)
- Yellow (42%)
- Blue (86%)



- Cyan (83%)
- Magenta (32%)
- Yellow (0%)
- Black (14%)



- Cyan (85%)
- Magenta (42%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9641, -7.4769, -44.5769 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 51.9641, -7.4769, -44.5769 by changing the saturation by 10% instead.

■ 51.9641, -7.4769,
-44.5769

■ 51.9641, -7.4769,
-44.5769

169.6097,
-16.1014, -50.0296

■ 41.9236, -6.6030,
-43.9391

■ 74.0875, -9.2681,
-45.9768

■ 32.6281, -5.7413,
-43.4502

■ 86.0911, -10.1894,
-46.6687

■ 24.1439, -4.8863,
-43.2949

■ 98.6809, -11.1287,
-47.3319

■ 16.5576, -4.0286,
-43.9076

■ 111.8308,
-12.0863, -47.9580

■ 9.9917, -3.1603,
-46.5274

■ 125.5179,
-13.0623, -48.5426

0.0000, NaN, -NF

139.7219,

0.0000, NaN, -NF

-14.0569, -49.0833

0.0000, NaN, -NF

154.4246,
-15.0699, -49.5790

0.0000, NaN, NaN

■ 51.9641, -7.4769,
-44.5769

■ 51.9641, -7.4769,
-44.5769

■ 49.1350, -4.4364,
-50.6703

■ 55.0454, -9.7014,
-38.4374

■ 47.3036, -1.9635,
-54.8867

■ 58.3725, -11.1079,
-32.2974

■ 61.9348, -11.7317,
-26.1980

■ 65.7175, -11.6303,
-20.1725

■ 69.7047, -10.8701,
-14.2437

■ 73.8805, -9.5193,
-8.4249

■ 78.2299, -7.6432,
-2.7218

■ 82.7388, -5.3017,
2.8656

■ 87.3946, -2.5488,
8.3411

Harmonies

Analogous

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



51.9649, -23.1636, -32.8207



51.9641, -7.4769, -44.5769



51.9649, 11.8769, -40.4646

Triad

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



51.9649, -7.4762, -44.5758



51.9649, 35.3542, 14.3960



51.9649, -28.6141, 19.8249

Complementary

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



51.9641, -7.4769, -44.5769



50.7080, 33.7887, 29.7893

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.



51.9649, -15.9651, 25.7429



51.9641, -7.4769, -44.5769



51.9649, 21.3391, 23.4825

Square

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



51.9649, -7.4762, -44.5758



51.9649, 38.4855, -1.9341



51.9649, 2.0985, 26.7875



51.9649, -34.1779, 7.1792

Rectangle

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



51.9641, -7.4769, -44.5769



51.9649, 24.1631, -29.7831



51.9649, 2.0985, 26.7875



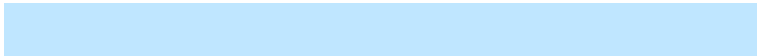
51.9649, -25.1444, 22.4503

Sweetspot

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



51.9649, -7.4762, -44.5758



86.7117, -11.7047, -11.4625



72.1900, -55.2750, 32.1414



39.2994, -5.6907, -6.4341

0.0000, NaN, NaN



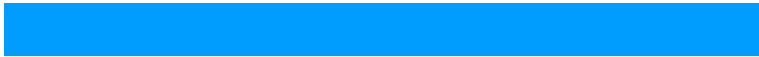
46.2646, -2.4686, 2.5136

Same Dimension

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



51.9649, -7.4762, -44.5758



55.9509, -1.9100, -65.8105



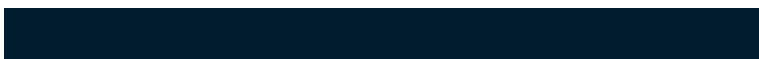
29.2567, 40.7796, -117.0743



37.3424, -3.1966, -0.3095



36.7233, -2.0088, -41.5644



10.1913, -1.8568, -8.7300

Inverse Universe

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



43.0749, 70.9034, -11.3545



48.6738, 88.3506, -7.2697



74.4827, -11.2629, 44.3043



36.3119, 2.2813, 0.4027



31.5993, 57.4543, -5.4681



8.1458, 14.9936, -2.8266

Previews

White Background



This preview shows how the HunterLab color 51.9641, -7.4769, -44.5769 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 51.9641, -7.4769, -44.5769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

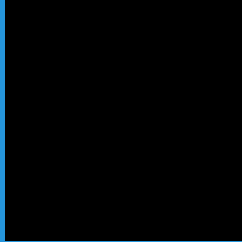
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

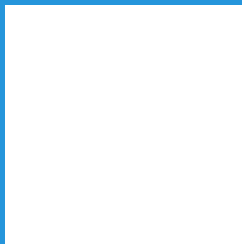
Any Text WCAG AAA × Fail

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

HunterLab 51.9641, -7.4769, -44.5769 Background



This preview shows how black text looks on a background with the HunterLab color 51.9641, -7.4769, -44.5769.

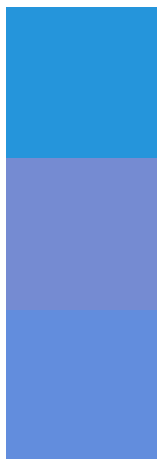


This preview shows how white text looks on a background with the HunterLab color 51.9641, -7.4769, -44.5769.

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

51.9641, -7.4769, -44.5769

Protanopia

51.8655, 6.2939, -37.6315

Deuteranopia

51.8333, 4.3837, -46.2314



Tritanopia

51.9408, -24.8505, -11.2765

Trichromacy



Original Color

51.9641, -7.4769, -44.5769

Protanomaly

51.5012, -0.5076, -40.7453

Deuteranomaly

51.6240, -0.8843, -45.9700

Tritanomaly

51.7539, -19.2049, -22.3053

Monochromacy



Original Color

51.9641, -7.4769, -44.5769

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

46.0939, -7.7196, -13.3408

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9641, -7.4769, -44.5769 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(37, 149, 219)` looks like.

```
.text, #text, p{  
    color:rgb(37, 149, 219)  
}
```

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(37, 149, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 149, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9641, -7.4769, -44.5769 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(37, 149, 219) }
```


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

```
.border{ border-color:rgb(37, 149, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 149, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 149, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 149, 219);  
box-shadow:4px 4px 4px 4px rgb(37, 149,  
219) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.9641, -7.4769, -44.5769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 149, 219) }
```

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

```
.background{ background-color: rgb(37, 149,  
219) }
```

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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