

Converting Colors

HunterLab(51.9628, 23.8534,
-75.5115)

Have a look what the booklet for
HunterLab(51.9628, 23.8534,
-75.5115) contains.

HunterLab(51.9299, 23.8219, -75.6006)	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(51.9299, 23.8219,
-75.6006)**

Conversions

Conversions Part 1

Format	Color
Hex	7582FF
RGB	117, 130, 255
RGB Percent	46%, 51%, 100%
CMY	0.5412, 0.4902, 0.0000
CMYK	0.54, 0.49, 0.00, 0.00
HSL	234°, 100%, 73%
HSV	234°, 54%, 100%
XYZ	33.3687, 26.9671, 98.0542
YIQ	140.3630, -47.8730, 36.1190

Conversions

Conversions Part 2

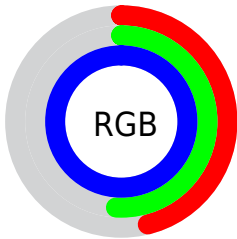
Format	Color
RYB	117, 129, 255
Decimal	7701247
CIELab	58.94, 29.69, -63.92
CIELCh	59, 70.482, 294.915
Yxy	26.9680, 0.2107, 0.1703
Android (android.graphics.Color)	4285891327 (0xFF7582FF)
YUV	140.3630, 56.5160, -20.4894
Hunter-Lab	51.9299, 23.8219, -75.6006

Details

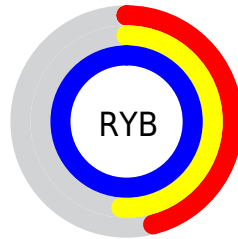
The HunterLab color $51.9299, 23.8219, -75.6006$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $92.7642, -15.7012, 46.1281$, and the grayscale version is $51.1517, -2.7293, 2.7792$.

A 20% lighter version of the original color is $71.0170, 9.2239, -35.0635$, and $32.5487, 21.6589, -75.7862$ is the 20% darker color. If you saturate the color by 10%, you get $44.6823, 32.3124, -97.4386$, and if you desaturate by 10%, it is $59.8589, 16.6150, -56.5329$.

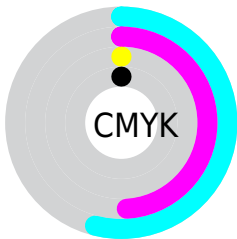
Distribution



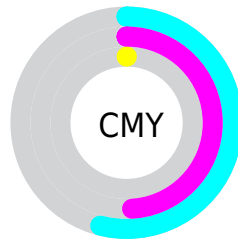
- Red (46%)
- Green (51%)
- Blue (100%)



- Red (46%)
- Yellow (51%)
- Blue (100%)



- Cyan (54%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9299, 23.8219, -75.6006 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 51.9299, 23.8219, -75.6006 by changing the saturation by 10% instead.

■ 51.9299, 23.8219,
-75.6006

■ 51.9299, 23.8219,
-75.6006

169.5588, 28.5120,
-82.4157

■ 41.8917, 22.8620,
-75.5065

■ 74.0489, 25.4218,
-76.6834

■ 32.5988, 21.7778,
-76.0374

■ 86.0505, 26.0812,
-77.4405

■ 24.1174, 20.5567,
-77.7390

■ 98.6384, 26.6582,
-78.2586

■ 16.5342, 19.1914,
-81.8661

111.7866, 27.1595,
-79.1041

■ 9.9719, 17.7105,
-91.9597

125.4719, 27.5910,
-79.9549

0.0000, INF, -NF

0.0000, NaN, -NF

139.6742, 27.9574,

-80.7965

0.0000, NaN, -NF

154.3753, 28.2632,
-81.6190

0.0000, NaN, -NF

■ 51.9299, 23.8219,
-75.6006

■ 51.9299, 23.8219,
-75.6006

■ 44.6823, 32.3124,
-97.4386

■ 59.8589, 16.6150,
-56.5329

■ 38.3259, 42.1573,
-122.0037

■ 68.3185, 10.4646,
-39.8243

■ 33.1473, 52.9133,
-147.8718

■ 77.2062, 5.1428,
-24.9892

■ 29.4666, 63.0920,
-171.0994

■ 86.4490, 0.4606,
-11.6080

■ 28.0603, 67.7955,
-181.4240

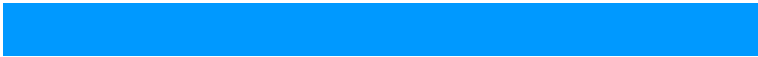
■ 95.9940, -3.7284,
0.6520

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



51.9307, -7.7868, -86.8819



51.9299, 23.8219, -75.6006



51.9307, 53.3442, -39.6252

Triad

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



51.9307, 23.8225, -75.5985



51.9307, 34.7049, 30.6620



51.9307, -48.6367, 7.4577

Complementary

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



51.9299, 23.8219, -75.6006



92.7642, -15.7012, 46.1281

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.



51.9307, -42.0405, 25.5062



51.9299, 23.8219, -75.6006



51.9307, 2.4371, 33.1583

Square

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



51.9307, 23.8225, -75.5985



51.9307, 60.5607, 21.0337



51.9307, -24.9037, 32.0261



51.9307, -45.4091, -26.0015

Rectangle

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



51.9299, 23.8219, -75.6006



51.9307, 65.4625, -13.5730



51.9307, -24.9037, 32.0261



51.9307, -47.5492, 15.1730

Sweetspot

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



51.9307, 23.8225, -75.5985



84.6823, 1.3016, -14.0357



90.3688, -41.5981, 0.2543



38.2911, 1.0368, -7.7421

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.9307, 23.8225, -75.5985



44.0801, 33.1304, -99.5103



53.6077, 44.2714, -70.8280



42.0151, -0.7053, -2.6987



20.5074, 48.0898, -129.4445



7.0544, 12.5400, -35.8877

Inverse Universe

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



59.6623, 50.0640, 16.6523



54.2802, 60.8042, 19.9553



92.2262, -39.9690, 45.3089



42.4439, 1.7546, 3.1245



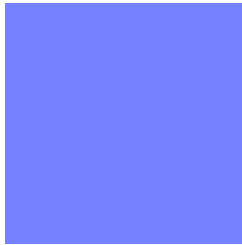
33.3954, 57.3215, 20.5649



10.4632, 18.0442, 5.7864

Previews

White Background



This preview shows how the HunterLab color 51.9299, 23.8219, -75.6006 looks on a white background.

Color Contrast Check

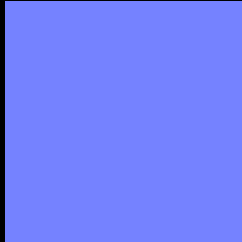
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.9299, 23.8219, -75.6006 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 51.9299, 23.8219, -75.6006 Background



This preview shows how black text looks on a background with the HunterLab color 51.9299, 23.8219, -75.6006.



This preview shows how white text looks on a background with the HunterLab color 51.9299, 23.8219, -75.6006.

-75.6006.

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

51.9299, 23.8219, -75.6006

Protanopia

51.9578, 14.3775, -75.6908

Deuteranopia

52.2971, 4.9761, -72.0977



Tritanopia

52.0270, -16.6810, -8.2582

Trichromacy



Original Color

51.9299, 23.8219, -75.6006

Protanomaly

51.7272, 17.8290, -76.2538

Deuteranomaly

51.6536, 10.3135, -74.6578

Tritanomaly

51.4967, -3.5289, -29.1471

Monochromacy



Original Color

51.9299, 23.8219, -75.6006

Achromatopsia

51.2104, -2.7325, 2.7824

Achromatomaly

50.8834, 4.8404, -20.1287

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9299, 23.8219, -75.6006 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(117, 130, 255)` looks like.

```
.text, #text, p{  
    color:rgb(117, 130, 255)  
}
```

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(117, 130, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 130, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9299, 23.8219, -75.6006 is called "border". The border property can be set on classes, ids or directly on the HTML element.

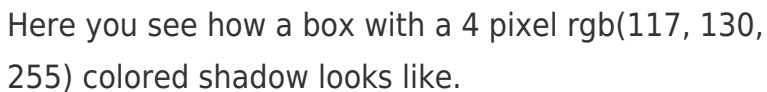
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 130, 255) }
```


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

```
.border{ border-color:rgb(117, 130, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 130, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 130, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 130, 255); box-shadow:4px 4px 4px 4px rgb(117, 130, 255) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.9299, 23.8219, -75.6006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 130, 255) }
```

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

```
.background{ background-color: rgb(117,  
130, 255) }
```

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