

Converting Colors

HunterLab(51.3166, 10.0555,
-77.4797)

Have a look what the booklet for
HunterLab(51.3166, 10.0555,
-77.4797) contains.

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Color

**HunterLab(51.4219, 9.8139,
-77.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	358BFF
RGB	53, 139, 255
RGB Percent	21%, 55%, 100%
CMY	0.7921, 0.4549, 0.0000
CMYK	0.79, 0.45, 0.00, 0.00
HSL	214°, 100%, 60%
HSV	214°, 79%, 100%
XYZ	28.7508, 26.4421, 98.1963
YIQ	126.5100, -88.4920, 17.8440

Conversions

Conversions Part 2

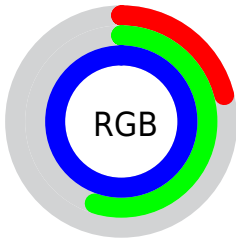
Format	Color
R _Y B	53, 113, 255
Decimal	3509247
CIE _{Lab}	58.46, 14.72, -64.86
CIE _{LCh}	58, 66.508, 282.785
Yxy	26.4428, 0.1874, 0.1724
Android (android.graphics.Color)	4281699327 (0xFF358BFF)
YUV	126.5100, 63.3456, -64.4683
Hunter-Lab	51.4219, 9.8139, -77.2260

Details

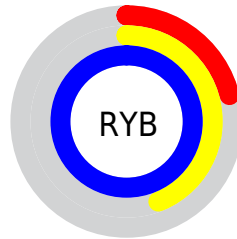
The HunterLab color **51.4219, 9.8139, -77.2260** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **70.6396, 18.0752, 41.0154**, and the grayscale version is **45.6634, -2.4365, 2.4810**.

A 20% lighter version of the original color is **70.4176, -6.7459, -36.3846**, and **33.6802, 13.8490, -71.9932** is the 20% darker color. If you saturate the color by 10%, you get **46.8667, 16.1260, -90.5249**, and if you desaturate by 10%, it is **56.4411, 4.7447, -64.5212**.

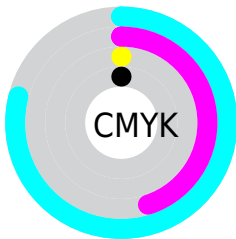
Distribution



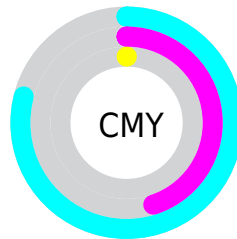
- Red (21%)
- Green (55%)
- Blue (100%)



- Red (21%)
- Yellow (44%)
- Blue (100%)



- Cyan (79%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (79%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4219, 9.8139, -77.2260 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 51.4219, 9.8139, -77.2260 by changing the saturation by 10% instead.

■ 51.4219, 9.8139,
-77.2260

■ 51.4219, 9.8139,
-77.2260

168.8044, 9.1953,
-84.0048

■ 41.4189, 9.5574,
-77.2030

■ 73.4769, 10.0891,
-78.2436

■ 32.1640, 9.2040,
-77.8548

■ 85.4490, 10.1225,
-78.9891

■ 23.7243, 8.7380,
-79.7720

■ 98.0089, 10.0952,
-79.8038

■ 16.1879, 8.1363,
-84.3224

■ 111.1301, 10.0121,
-80.6516

■ 9.6798, 7.3670,
-95.4173

124.7896, 9.8774,
-81.5090

0.0000, INF, -NF

0.0000, NaN, -NF

138.9671, 9.6944,

-82.3601

0.0000, NaN, -NF

153.6442, 9.4662,
-83.1945

0.0000, NaN, -NF

■ 51.4219, 9.8139,
-77.2260

■ 51.4219, 9.8139,
-77.2260

■ 46.8667, 16.1260,
-90.5249

■ 56.4411, 4.7447,
-64.5212

■ 42.8050, 23.5888,
-104.2537

■ 61.8682, 0.8399,
-52.5277

■ 42.4994, 24.2055,
-105.3734

■ 67.6520, -2.0273,
-41.2625

■ 73.7473, -3.9964,
-30.6882

■ 80.1155, -5.1992,
-20.7393

■ 86.7243, -5.7517,
-11.3411

■ 93.5471, -5.7523,
-2.4196

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.



51.4226, -17.8352, -74.9009



51.4219, 9.8139, -77.2260



51.4226, 39.5254, -51.2925

Triad

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



51.4226, 9.8150, -77.2241



51.4226, 43.4225, 26.9595



51.4226, -44.9775, 15.8481

Complementary

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



51.4219, 9.8139, -77.2260



70.6396, 18.0752, 41.0154

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.



51.4226, -34.6462, 28.0932



51.4219, 9.8139, -77.2260



51.4226, 14.3114, 31.7176

Square

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



51.4226, 9.8150, -77.2241



51.4226, 61.5595, 12.9579



51.4226, -14.2072, 31.9756



51.4226, -45.6721, -9.9778

Rectangle

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



51.4219, 9.8139, -77.2260



51.4226, 54.9247, -26.8311



51.4226, -14.2072, 31.9756



51.4226, -42.6386, 21.2467

Sweetspot

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



51.4226, 9.8150, -77.2241



83.5296, -5.5615, -15.7802



86.6516, -60.4903, 27.1626



37.5610, -2.4668, -8.8629

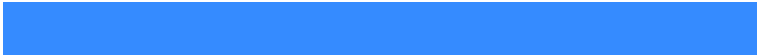
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.4226, 9.8150, -77.2241



44.4585, 20.3368, -98.4179



33.0801, 58.6815, -148.1557



43.1845, -2.6646, -1.2387



31.1757, 16.4678, -74.5162



10.7589, 2.9628, -19.8435

Inverse Universe

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



50.6675, 77.5251, 3.9950



47.7489, 82.8909, 10.4045



95.1694, -29.8875, 56.0200



42.5622, 2.3907, 1.4367



34.2186, 60.3547, 8.5122



10.7768, 19.1958, 1.2258

Previews

White Background



This preview shows how the HunterLab color 51.4219, 9.8139, -77.2260 looks on a white background.

Color Contrast Check

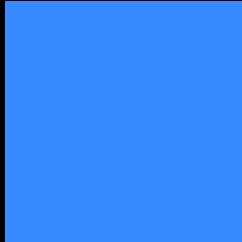
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.4219, 9.8139, -77.2260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

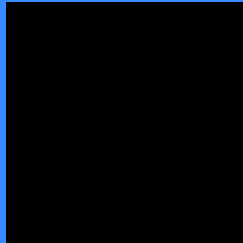
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

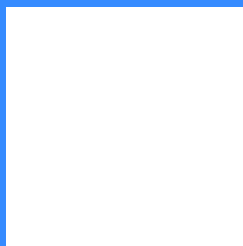
Any Text WCAG AAA × Fail

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

HunterLab 51.4219, 9.8139, -77.2260 Background



This preview shows how black text looks on a background with the HunterLab color 51.4219, 9.8139, -77.2260.



This preview shows how white text looks on a background with the HunterLab color 51.4219, 9.8139,

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

51.4219, 9.8139, -77.2260

Protanopia

51.4544, 13.8266, -74.1719

Deuteranopia

51.2943, 4.4907, -73.8075



Tritanopia

51.1819, -24.6847, -10.6856

Trichromacy



Original Color

51.4219, 9.8139, -77.2260

Protanomaly

51.3429, 12.1813, -75.4620

Deuteranomaly

51.2020, 5.7930, -74.9912

Tritanomaly

50.7056, -14.0721, -31.4729

Monochromacy



Original Color

51.4219, 9.8139, -77.2260

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

46.9019, -2.1114, -21.7574

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4219, 9.8139, -77.2260 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(53, 139, 255)` looks like.

```
.text, #text, p{  
    color:rgb(53, 139, 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(53, 139, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 139, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4219, 9.8139, -77.2260 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(53, 139, 255) }
```


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

```
.border{ border-color:rgb(53, 139, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 139, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 139, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 139, 255);  
box-shadow:4px 4px 4px 4px rgb(53, 139,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4219, 9.8139, -77.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 139, 255) }
```

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

```
.background{ background-color: rgb(53, 139,  
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](#).

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