

Converting Colors

HunterLab(51.2860, 9.8073,
-77.5989)

Have a look what the booklet for
HunterLab(51.2860, 9.8073,
-77.5989) contains.

HunterLab(51.3703, 9.6468, -77.3704)	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(51.3703, 9.6468,
-77.3704)**

Conversions

Conversions Part 1

Format	Color
Hex	338BFF
RGB	51, 139, 255
RGB Percent	20%, 55%, 100%
CMY	0.7999, 0.4549, 0.0000
CMYK	0.80, 0.45, 0.00, 0.00
HSL	214°, 100%, 60%
HSV	214°, 80%, 100%
XYZ	28.6479, 26.3891, 98.1915
YIQ	125.9120, -89.6840, 17.4200

Conversions

Conversions Part 2

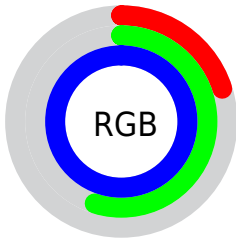
Format	Color
R _Y B	51, 112, 255
Decimal	3378175
CIE Lab	58.41, 14.53, -64.94
CIE LCh	58, 66.548, 282.612
Yxy	26.3898, 0.1870, 0.1722
Android (android.graphics.Color)	4281568255 (0xFF338BFF)
YUV	125.9120, 63.6404, -65.6978
Hunter-Lab	51.3703, 9.6468, -77.3704

Details

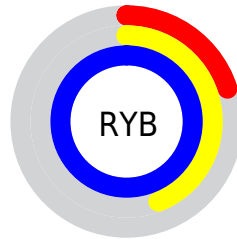
The HunterLab color **51.3703, 9.6468, -77.3704** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **70.1021, 19.0472, 40.8793**, and the grayscale version is **45.4288, -2.4240, 2.4682**.

A 20% lighter version of the original color is **70.3623, -6.9409, -36.4848**, and **33.6802, 13.8490, -71.9932** is the 20% darker color. If you saturate the color by 10%, you get **46.8766, 15.9584, -90.4962**, and if you desaturate by 10%, it is **56.3250, 4.5715, -64.8009**.

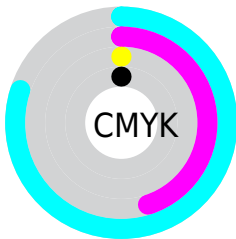
Distribution



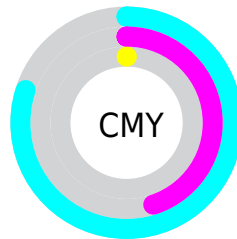
- Red (20%)
- Green (55%)
- Blue (100%)



- Red (20%)
- Yellow (44%)
- Blue (100%)



- Cyan (80%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3703, 9.6468, -77.3704 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 51.3703, 9.6468, -77.3704 by changing the saturation by 10% instead.

■ 51.3703, 9.6468,
-77.3704

■ 51.3703, 9.6468,
-77.3704

168.7277, 8.9615,
-84.1449

■ 41.3708, 9.3993,
-77.3541

■ 73.4187, 9.9052,
-78.3816

■ 32.1199, 9.0553,
-78.0176

■ 85.3879, 9.9307,
-79.1259

■ 23.6845, 8.5994,
-79.9557

■ 97.9449, 9.8958,
-79.9402

■ 16.1528, 8.0082,
-84.5476

■ 111.0634, 9.8054,
-80.7882

■ 9.6502, 7.2498,
-95.7420

124.7203, 9.6636,
-81.6460

0.0000, INF, -NF

0.0000, NaN, -NF

138.8952, 9.4738,

-82.4980

0.0000, NaN, -NF

153.5698, 9.2389,
-83.3334

0.0000, NaN, -NF

■ 51.3703, 9.6468,
-77.3704

■ 51.3703, 9.6468,
-77.3704

■ 46.8766, 15.9584,
-90.4962

■ 56.3250, 4.5715,
-64.8009

■ 42.8622, 23.3820,
-104.0474

■ 61.6866, 0.6615,
-52.9096

■ 42.8594, 23.3876,
-104.0576

■ 67.4054, -2.2051,
-41.7210

■ 73.4365, -4.1658,
-31.2046

■ 79.7416, -5.3516,
-21.3006

■ 86.2886, -5.8784,
-11.9385

■ 93.0505, -5.8454,
-3.0473

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.



51.3710, -17.9723, -74.8621



51.3703, 9.6468, -77.3704



51.3710, 39.3905, -51.5331

Triad

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



51.3710, 9.6479, -77.3684



51.3710, 43.5928, 26.9031



51.3710, -44.9434, 15.9520

Complementary

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



51.3703, 9.6468, -77.3704



70.1021, 19.0472, 40.8793

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.



51.3710, -34.5574, 28.1236



51.3703, 9.6468, -77.3704



51.3710, 14.4954, 31.6899

Square

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



51.3710, 9.6479, -77.3684



51.3710, 61.6463, 12.8374



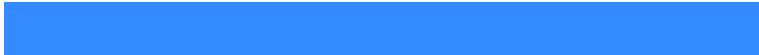
51.3710, -14.0619, 31.9674



51.3710, -45.6917, -9.7980

Rectangle

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



51.3703, 9.6468, -77.3704



51.3710, 54.8504, -27.0611



51.3710, -14.0619, 31.9674



51.3710, -42.5867, 21.3229

Sweetspot

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



51.3710, 9.6479, -77.3684



83.6378, -5.7397, -15.6298



86.6024, -60.7299, 27.4014



37.6183, -2.5613, -8.7805

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.3710, 9.6479, -77.3684



44.4161, 20.3258, -98.5649



32.7110, 59.4751, -150.2829



43.2045, -2.6977, -1.2140



31.4349, 15.8894, -73.5915



10.8359, 2.8101, -19.6101

Inverse Universe

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



50.4910, 78.0994, 3.7963



47.6838, 83.1006, 10.3728



95.1476, -29.9881, 56.1515



42.5643, 2.4018, 1.4075



34.2425, 60.4423, 8.1663



10.7846, 19.2242, 1.1143

Previews

White Background



This preview shows how the HunterLab color 51.3703, 9.6468, -77.3704 looks on a white background.

Color Contrast Check

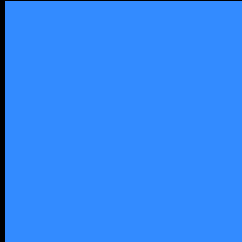
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.3703, 9.6468, -77.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

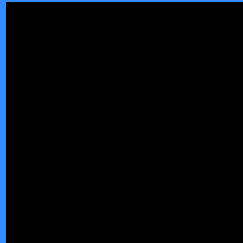
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

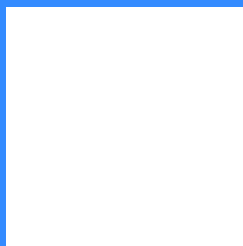
Any Text WCAG AAA × Fail

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

HunterLab 51.3703, 9.6468, -77.3704 Background



This preview shows how black text looks on a background with the HunterLab color 51.3703, 9.6468, -77.3704.



This preview shows how white text looks on a background with the HunterLab color 51.3703, 9.6468, -77.3704.

-77.3704.

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

51.3703, 9.6468, -77.3704

Protanopia

51.1194, 14.0520, -74.1086

Deuteranopia

51.2943, 4.4907, -73.8075



Tritanopia

51.1819, -24.6847, -10.6856

Trichromacy



Original Color

51.3703, 9.6468, -77.3704

Protanomaly

50.9668, 12.2808, -75.5146

Deuteranomaly

51.2020, 5.7930, -74.9912

Tritanomaly

50.7056, -14.0721, -31.4729

Monochromacy



Original Color

51.3703, 9.6468, -77.3704

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.8000, -2.5486, -21.2930

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3703, 9.6468, -77.3704 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(51, 139, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 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(51, 139, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 139, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3703, 9.6468, -77.3704 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(51, 139, 255) }
```


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

```
.border{ border-color:rgb(51, 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(51, 139, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 139, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 139, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 139,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3703, 9.6468, -77.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 139, 255) }
```

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

```
.background{ background-color: rgb(51, 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](#).

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