

Converting Colors

HunterLab(51.2021, 12.5933,
-77.7514)

Have a look what the booklet for
HunterLab(51.2021, 12.5933,
-77.7514) contains.

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Color

**HunterLab(51.3228, 12.3669,
-77.4531)**

Conversions

Conversions Part 1

Format	Color
Hex	4489FF
RGB	68, 137, 255
RGB Percent	27%, 54%, 100%
CMY	0.7333, 0.4627, 0.0000
CMYK	0.73, 0.46, 0.00, 0.00
HSL	218°, 100%, 63%
HSV	218°, 73%, 100%
XYZ	29.3796, 26.3403, 98.1435
YIQ	129.8210, -79.0020, 22.0700

Conversions

Conversions Part 2

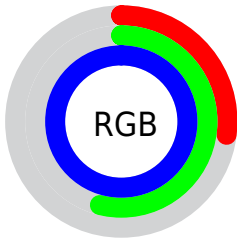
Format	Color
R _{YB}	68, 118, 255
Decimal	4491775
CIE _{Lab}	58.36, 17.56, -64.99
CIE _{LCh}	58, 67.320, 285.119
Y _{xy}	26.3410, 0.1910, 0.1712
Android (android.graphics.Color)	4282681855 (0xFF4489FF)
YUV	129.8210, 61.7132, -54.2170
Hunter-Lab	51.3228, 12.3669, -77.4531

Details

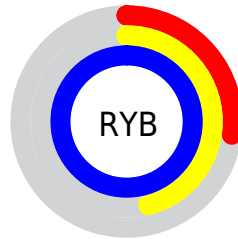
The HunterLab color **51.3228, 12.3669, -77.4531** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **75.3662, 9.8491, 42.3087**, and the grayscale version is **46.9655, -2.5060, 2.5517**.

A 20% lighter version of the original color is **70.3208, -3.8986, -36.5041**, and **33.1823, 14.9170, -73.6765** is the 20% darker color. If you saturate the color by 10%, you get **46.2339, 18.9011, -92.5041**, and if you desaturate by 10%, it is **56.9095, 7.1228, -63.3731**.

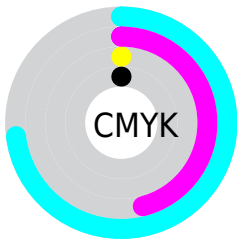
Distribution



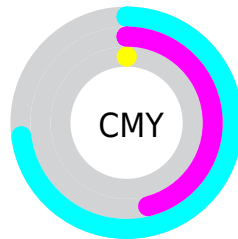
- Red (27%)
- Green (54%)
- Blue (100%)



- Red (27%)
- Yellow (46%)
- Blue (100%)



- Cyan (73%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3228, 12.3669, -77.4531 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 51.3228, 12.3669, -77.4531 by changing the saturation by 10% instead.

■ 51.3228, 12.3669,
-77.4531

■ 51.3228, 12.3669,
-77.4531

168.6571, 12.7997,
-84.2241

■ 41.3267, 11.9670,
-77.4416

■ 73.3652, 12.9084,
-78.4598

■ 32.0793, 11.4623,
-78.1134

■ 85.3316, 13.0664,
-79.2033

■ 23.6478, 10.8363,
-80.0666

■ 97.8860, 13.1588,
-80.0172

■ 16.1206, 10.0658,
-84.6892

■ 111.0019, 13.1911,
-80.8652

■ 9.6230, 9.1230,
-95.9600

124.6565, 13.1678,
-81.7234

0.0000, INF, -NF

0.0000, NaN, -NF

138.8290, 13.0927,

-82.5759

0.0000, NaN, -NF

153.5014, 12.9691,
-83.4119

0.0000, NaN, -NF

■ 51.3228, 12.3669,
-77.4531

■ 51.3228, 12.3669,
-77.4531

■ 46.2339, 18.9011,
-92.5041

■ 56.9095, 7.1228,
-63.3731

■ 41.7196, 26.7429,
-108.2768

■ 62.9187, 3.0372,
-50.3281

■ 39.0381, 32.5510,
-119.0625

■ 69.2889, -0.0507,
-38.2606

■ 75.9690, -2.2983,
-27.0651

■ 82.9181, -3.8441,
-16.6221

■ 90.1030, -4.8043,
-6.8174

■ 97.4968, -5.2743,
2.4516

■ 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.



51.3235, -16.0852, -77.5787



51.3228, 12.3669, -77.4531



51.3235, 42.2093, -49.3675

Triad

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



51.3235, 12.3679, -77.4511



51.3235, 41.9964, 27.7231



51.3235, -45.7324, 14.4712

Complementary

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



51.3228, 12.3669, -77.4531



75.3662, 9.8491, 42.3087

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.



51.3235, -36.1197, 27.6624



51.3228, 12.3669, -77.4531



51.3235, 12.1228, 31.9680

Square

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



51.3235, 12.3679, -77.4511



51.3235, 61.6926, 14.6278



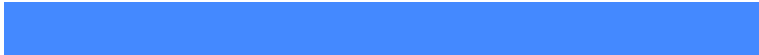
51.3235, -16.2824, 31.9544



51.3235, -45.6948, -12.7694

Rectangle

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



51.3228, 12.3669, -77.4531



51.3235, 57.1199, -24.3745



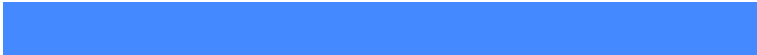
51.3235, -16.2824, 31.9544



51.3235, -43.6340, 20.2590

Sweetspot

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



51.3235, 12.3679, -77.4511



83.8594, -4.0030, -15.2856



87.2822, -57.1856, 22.2302



37.9101, -1.6967, -8.3399

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.3235, 12.3679, -77.4511



44.0486, 22.4077, -99.8083



36.7708, 53.6988, -128.9493



42.9829, -2.3305, -1.4875



28.6764, 22.3761, -84.1465



10.0049, 4.5279, -22.2796

Inverse Universe

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



52.1556, 72.4010, 6.5008



48.3945, 80.2649, 11.9439



94.4946, -32.2508, 54.2298



42.5416, 2.2801, 1.7303



33.9972, 59.5429, 11.7236



10.7032, 18.9273, 2.2834

Previews

White Background



This preview shows how the HunterLab color 51.3228, 12.3669, -77.4531 looks on a white background.

Color Contrast Check

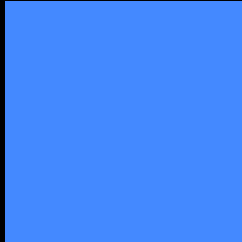
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.3228, 12.3669, -77.4531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

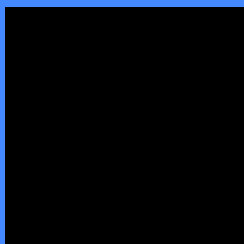
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

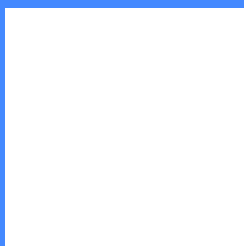
Any Text WCAG AAA × Fail

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

HunterLab 51.3228, 12.3669, -77.4531 Background



This preview shows how black text looks on a background with the HunterLab color 51.3228, 12.3669, -77.4531.



This preview shows how white text looks on a background with the HunterLab color 51.3228, 12.3669, -77.4531.

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

51.3228, 12.3669, -77.4531

Protanopia

51.1558, 14.4142, -75.9307

Deuteranopia

51.2943, 4.4907, -73.8075



Tritanopia

51.1819, -24.6847, -10.6856

Trichromacy



Original Color

51.3228, 12.3669, -77.4531

Protanomaly

51.2841, 13.5367, -76.5657

Deuteranomaly

50.9815, 6.5410, -75.5753

Tritanomaly

50.4616, -13.3731, -31.9131

Monochromacy



Original Color

51.3228, 12.3669, -77.4531

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.9541, -1.3263, -20.6189

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3228, 12.3669, -77.4531 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(68, 137, 255)` looks like.

```
.text, #text, p{  
    color:rgb(68, 137, 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(68, 137, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 137, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3228, 12.3669, -77.4531 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(68, 137, 255) }
```


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

```
.border{ border-color:rgb(68, 137, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 137, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 137, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 137, 255);  
box-shadow:4px 4px 4px 4px rgb(68, 137,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3228, 12.3669, -77.4531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 137, 255) }
```

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

```
.background{ background-color: rgb(68, 137,  
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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