

Converting Colors

HunterLab(53.0523, 6.5019,
-72.9269)

Have a look what the booklet for
HunterLab(53.0523, 6.5019,
-72.9269) contains.

HunterLab(53.0798, 6.4516, -72.8562)	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(53.0798, 6.4516,
-72.8562)**

Conversions

Conversions Part 1

Format	Color
Hex	3391FF
RGB	51, 145, 255
RGB Percent	20%, 57%, 100%
CMY	0.7999, 0.4314, 0.0000
CMYK	0.80, 0.43, 0.00, 0.00
HSL	212°, 100%, 60%
HSV	212°, 80%, 100%
XYZ	29.5407, 28.1747, 98.4891
YIQ	129.4340, -91.3340, 14.2820

Conversions

Conversions Part 2

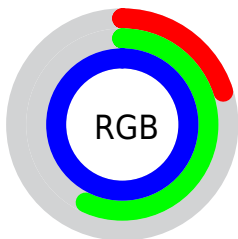
Format	Color
R _Y B	51, 115, 255
Decimal	3379711
CIE Lab	60.05, 10.90, -62.31
CIE LCh	60, 63.253, 279.925
Yxy	28.1754, 0.1891, 0.1804
Android (android.graphics.Color)	4281569791 (0xFF3391FF)
YUV	129.4340, 61.9040, -68.7866
Hunter-Lab	53.0798, 6.4516, -72.8562

Details

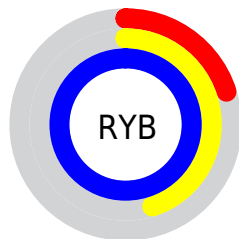
The HunterLab color **53.0798, 6.4516, -72.8562** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **68.5531, 22.1642, 39.9194**, and the grayscale version is **46.8168, -2.4980, 2.5436**.

A 20% lighter version of the original color is **72.2477, -9.9511, -33.2952**, and **34.9509, 11.2058, -67.8757** is the 20% darker color. If you saturate the color by 10%, you get **48.7167, 12.2597, -84.9075**, and if you desaturate by 10%, it is **57.8697, 1.8357, -61.2386**.

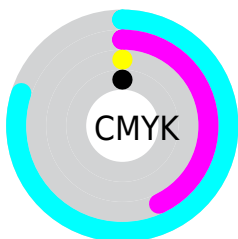
Distribution



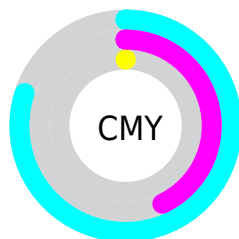
- Red (20%)
- Green (57%)
- Blue (100%)



- Red (20%)
- Yellow (45%)
- Blue (100%)



- Cyan (80%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.0798, 6.4516, -72.8562 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 53.0798, 6.4516, -72.8562 by changing the saturation by 10% instead.

■ 53.0798, 6.4516,
-72.8562

■ 53.0798, 6.4516,
-72.8562

171.2613, 4.3335,
-79.7141

■ 42.9627, 6.4040,
-72.6413

■ 75.3422, 6.3423,
-74.0473

■ 33.5846, 6.2735,
-72.9636

■ 87.4098, 6.1973,
-74.8220

■ 25.0100, 6.0473,
-74.2900

■ 100.0607, 5.9992,
-75.6436

■ 17.3227, 5.7054,
-77.6770

■ 113.2691, 5.7521,
-76.4827

■ 10.6401, 5.2176,
-86.0221

127.0124, 5.4593,
-77.3201

■ 0.7206, 65.8877,
-815.1734

141.2705, 5.1237,

0.0000, NaN, -NF

-78.1429

0.0000, NaN, -NF

156.0256, 4.7478,
-78.9428

0.0000, NaN, -NF

■ 53.0798, 6.4516,
-72.8562

■ 53.0798, 6.4516,
-72.8562

■ 48.7167, 12.2597,
-84.9075

■ 57.8697, 1.8357,
-61.2386

■ 44.7875, 19.1458,
-97.3092

■ 63.0420, -1.6521,
-50.1598

■ 44.7847, 19.1512,
-97.3189

■ 68.5545, -4.1221,
-39.6516

■ 74.3676, -5.7002,
-29.7014

■ 80.4467, -6.5083,
-20.2699

■ 86.7621, -6.6560,
-11.3055

■ 93.2887, -6.2381,
-2.7535

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.



53.0805, -19.5713, -67.9855



53.0798, 6.4516, -72.8562



53.0805, 34.9383, -50.9498

Triad

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



53.0805, 6.4526, -72.8542



53.0805, 43.3546, 25.8803



53.0805, -43.4629, 17.2493

Complementary

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



53.0798, 6.4516, -72.8562



68.5531, 22.1642, 39.9194

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.



53.0805, -32.3212, 28.5866



53.0798, 6.4516, -72.8562



53.0805, 16.2718, 31.5515

Square

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



53.0805, 6.4526, -72.8542



53.0805, 58.8989, 10.7460



53.0805, -11.5251, 32.2036



53.0805, -45.0461, -6.3888

Rectangle

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



53.0798, 6.4516, -72.8562



53.0805, 50.2333, -28.4569



53.0805, -11.5251, 32.2036



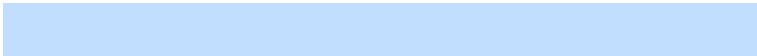
53.0805, -40.8359, 22.2183

Sweetspot

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



53.0805, 6.4526, -72.8542



84.2045, -6.6697, -14.8455



86.4614, -61.5950, 29.4527



37.9186, -3.0539, -8.3513

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.0805, 6.4526, -72.8542



46.3130, 16.3066, -92.2936



32.3782, 58.9402, -152.2600



43.3093, -2.8706, -1.0853



32.8194, 12.8946, -68.8572



11.2446, 2.0199, -18.4150

Inverse Universe

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



50.6692, 78.7895, 1.2552



47.8656, 83.7695, 7.7543



95.7874, -27.6035, 56.6005



42.5750, 2.4594, 1.2544



34.3734, 60.9209, 6.2787



10.8268, 19.3776, 0.5121

Previews

White Background



This preview shows how the HunterLab color 53.0798, 6.4516, -72.8562 looks on a white background.

Color Contrast Check

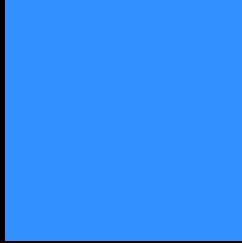
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.0798, 6.4516, -72.8562 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

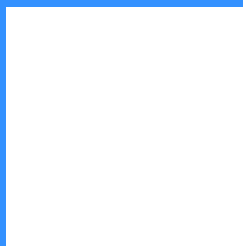
Any Text WCAG AAA × Fail

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

HunterLab 53.0798, 6.4516, -72.8562 Background



This preview shows how black text looks on a background with the HunterLab color 53.0798, 6.4516, -72.8562.



This preview shows how white text looks on a background with the HunterLab color 53.0798, 6.4516, -72.8562.

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

53.0798, 6.4516, -72.8562

Protanopia

52.9509, 12.6795, -68.4199

Deuteranopia

53.1500, 5.1990, -72.6953



Tritanopia

52.9923, -25.6328, -10.9019

Trichromacy



Original Color

53.0798, 6.4516, -72.8562

Protanomaly

52.9093, 9.9203, -70.4257

Deuteranomaly

53.2312, 5.4693, -72.4794

Tritanomaly

52.7687, -15.7256, -30.5420

Monochromacy



Original Color

53.0798, 6.4516, -72.8562

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

48.1558, -3.5823, -20.3242

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.0798, 6.4516, -72.8562 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, 145, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 145, 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, 145, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 145, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 53.0798, 6.4516, -72.8562 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, 145, 255) }
```


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

```
.border{ border-color:rgb(51, 145, 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, 145, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 145, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 145, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 145,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.0798, 6.4516, -72.8562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 145, 255) }
```

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

```
.background{ background-color: rgb(51, 145,  
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