

Converting Colors

HunterLab(53.5670, 3.7475,
-71.6420)

Have a look what the booklet for
HunterLab(53.5670, 3.7475,
-71.6420) contains.

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Color

**HunterLab(53.5940, 3.6875,
-71.5738)**

Conversions

Conversions Part 1

Format	Color
Hex	2194FF
RGB	33, 148, 255
RGB Percent	13%, 58%, 100%
CMY	0.8705, 0.4196, 0.0000
CMYK	0.87, 0.42, 0.00, 0.00
HSL	209°, 100%, 56%
HSV	209°, 87%, 100%
XYZ	29.2671, 28.7232, 98.6093
YIQ	125.8130, -102.8870, 8.8970

Conversions

Conversions Part 2

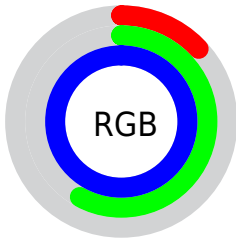
Format	Color
R _Y B	33, 109, 255
Decimal	2200831
CIE Lab	60.54, 7.74, -61.54
CIE LCh	61, 62.025, 277.168
Yxy	28.7240, 0.1869, 0.1834
Android (android.graphics.Color)	4280390911 (0xFF2194FF)
YUV	125.8130, 63.6892, -81.3970
Hunter-Lab	53.5940, 3.6875, -71.5738

Details

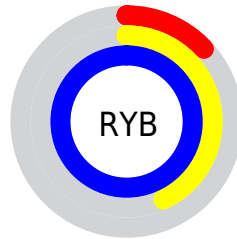
The HunterLab color **53.5940, 3.6875, -71.5738** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **63.3519, 32.5421, 38.2582**, and the grayscale version is **45.3949, -2.4222, 2.4664**.

A 20% lighter version of the original color is **72.7429, -13.0871, -32.5166**, and **35.7947, 9.9704, -66.2635** is the 20% darker color. If you saturate the color by 10%, you get **49.7946, 9.3153, -81.8023**, and if you desaturate by 10%, it is **57.7745, -0.8552, -61.5041**.

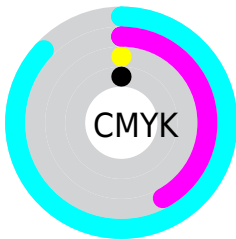
Distribution



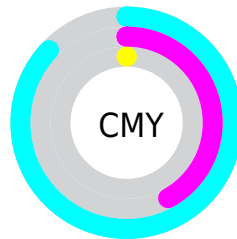
- Red (13%)
- Green (58%)
- Blue (100%)



- Red (13%)
- Yellow (43%)
- Blue (100%)



- Cyan (87%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (87%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.5940, 3.6875, -71.5738 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 53.5940, 3.6875, -71.5738 by changing the saturation by 10% instead.

■ 53.5940, 3.6875,
-71.5738

■ 53.5940, 3.6875,
-71.5738

172.0204, 0.3546,
-78.4364

■ 43.4420, 3.8092,
-71.3087

■ 75.9198, 3.2670,
-72.8086

■ 34.0263, 3.8596,
-71.5437

■ 88.0167, 2.9774,
-73.5894

■ 25.4105, 3.8281,
-72.7133

■ 100.6955, 2.6410,
-74.4111

■ 17.6773, 3.6985,
-75.7941

■ 113.9306, 2.2609,
-75.2459

■ 10.9420, 3.4447,
-83.4326

■ 127.6996, 1.8401,
-76.0759

■ 2.4388, 13.6988,
-239.9333

141.9826, 1.3808,

0.0000, NaN, -NF

-76.8891

0.0000, NaN, -NF

156.7615, 0.8850,
-77.6778

0.0000, NaN, -NF

■ 53.5940, 3.6875,
-71.5738

■ 53.5940, 3.6875,
-71.5738

■ 49.7946, 9.3153,
-81.8023

■ 57.7745, -0.8552,
-61.5041

■ 48.7278, 11.1126,
-84.8944

■ 62.3173, -4.2967,
-51.6873

■ 67.1949, -6.6965,
-42.1900

■ 72.3760, -8.1499,
-33.0470

■ 77.8306, -8.7633,
-24.2651

■ 83.5312, -8.6409,
-15.8318

■ 89.4533, -7.8781,
-7.7236

■ 95.5755, -6.5593,
0.0887

■ 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.



53.5947, -21.3464, -64.3386



53.5940, 3.6875, -71.5738



53.5947, 31.7753, -52.3385

Triad

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



53.5947, 3.6885, -71.5718



53.5947, 44.4342, 24.8147



53.5947, -42.4130, 18.6053

Complementary

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



53.5940, 3.6875, -71.5738



63.3519, 32.5421, 38.2582

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.



53.5947, -30.4613, 29.0509



53.5940, 3.6875, -71.5738



53.5947, 18.5249, 31.2161

Square

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



53.5947, 3.6885, -71.5718



53.5947, 58.1052, 8.6551



53.5947, -9.1133, 32.2582



53.5947, -44.8460, -3.5346

Rectangle

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



53.5940, 3.6875, -71.5738



53.5947, 47.3981, -30.8470



53.5947, -9.1133, 32.2582



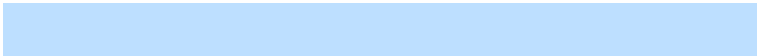
53.5947, -39.5072, 23.2003

Sweetspot

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



53.5947, 3.6885, -71.5718



84.1413, -8.5895, -14.9681



85.8132, -65.1468, 35.4848



37.9981, -4.0401, -8.2533

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.5947, 3.6885, -71.5718



48.7278, 11.1126, -84.8944



30.1504, 62.3956, -166.3725



43.5135, -3.2065, -0.8352



35.6476, 7.2136, -60.1286



12.0671, 0.5197, -16.2047

Inverse Universe

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



49.4849, 83.4073, -1.6163



47.8833, 85.4852, 3.9368



93.9466, -21.9819, 56.5952



42.5960, 2.5722, 0.9553



34.6566, 61.9530, 2.2196



10.9158, 19.7005, -0.7520

Previews

White Background



This preview shows how the HunterLab color 53.5940, 3.6875, -71.5738 looks on a white background.

Color Contrast Check

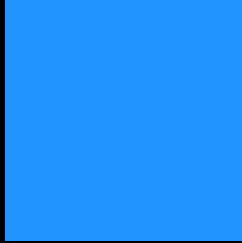
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.5940, 3.6875, -71.5738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

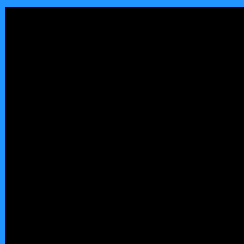
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

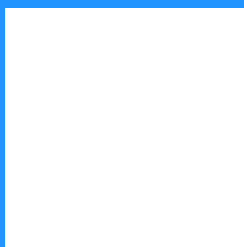
Any Text WCAG AAA × Fail

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

HunterLab 53.5940, 3.6875, -71.5738 Background



This preview shows how black text looks on a background with the HunterLab color 53.5940, 3.6875, -71.5738.



This preview shows how white text looks on a background with the HunterLab color 53.5940, 3.6875, -71.5738.

-71.5738.

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

53.5940, 3.6875, -71.5738

Protanopia

53.3139, 12.1829, -65.6965

Deuteranopia

53.6101, 5.2390, -71.5053



Tritanopia

53.3557, -25.8231, -10.9452

Trichromacy



Original Color

53.5940, 3.6875, -71.5738

Protanomaly

53.2611, 8.0391, -68.6379

Deuteranomaly

53.4799, 4.8055, -71.8477

Tritanomaly

53.0277, -16.3840, -30.0873

Monochromacy



Original Color

53.5940, 3.6875, -71.5738

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

47.2680, -5.3737, -20.5582

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.5940, 3.6875, -71.5738 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(33, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(33, 148, 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(33, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 148, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 53.5940, 3.6875, -71.5738 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(33, 148, 255) }
```


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

```
.border{ border-color:rgb(33, 148, 255) }
```

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

Here you see how a box with a 4 pixel rgb(33, 148, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(33, 148,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.5940, 3.6875, -71.5738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 148, 255) }
```

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

```
.background{ background-color: rgb(33, 148,  
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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