

Converting Colors

HunterLab(63.2170, -10.5745,
-49.9618)

Have a look what the booklet for
HunterLab(63.2170, -10.5745,
-49.9618) contains.

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Color

**HunterLab(63.3751,
-10.8188, -49.6474)**

Conversions

Conversions Part 1

Format	Color
Hex	33B3FF
RGB	51, 179, 255
RGB Percent	20%, 70%, 100%
CMY	0.7999, 0.2980, 0.0000
CMYK	0.80, 0.30, 0.00, 0.00
HSL	202°, 100%, 60%
HSV	202°, 80%, 100%
XYZ	35.5354, 40.1640, 100.4873
YIQ	149.3920, -100.6840, -3.5000

Conversions

Conversions Part 2

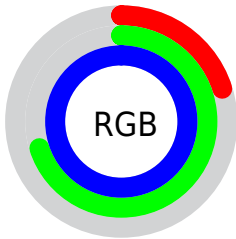
Format	Color
R _Y B	51, 130, 255
Decimal	3388415
CIE Lab	69.59, -8.71, -47.16
CIE LCh	70, 47.954, 259.541
Yxy	40.1653, 0.2017, 0.2280
Android (android.graphics.Color)	4281578495 (0xFF33B3FF)
YUV	149.3920, 52.0647, -86.2898
Hunter-Lab	63.3751, -10.8188, -49.6474

Details

The HunterLab color **63.3751, -10.8188, -49.6474** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **60.5659, 39.6884, 34.9471**, and the grayscale version is **54.8085, -2.9244, 2.9779**.

A 20% lighter version of the original color is **84.3954, -27.8527, -14.9480**, and **43.8816, -4.4582, -45.2243** is the 20% darker color. If you saturate the color by 10%, you get **59.9968, -7.5722, -56.6560**, and if you desaturate by 10%, it is **67.0518, -13.0848, -42.5682**.

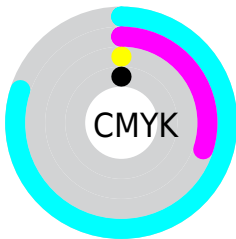
Distribution



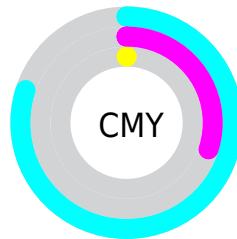
- Red (20%)
- Green (70%)
- Blue (100%)



- Red (20%)
- Yellow (51%)
- Blue (100%)



- Cyan (80%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.3751, -10.8188, -49.6474 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 63.3751, -10.8188, -49.6474 by changing the saturation by 10% instead.

63.3751, -10.8188,
-49.6474

63.3751, -10.8188,
-49.6474

186.2310,
-20.7242, -55.2515

52.5999, -9.7731,
-48.9463

86.8419, -12.9319,
-51.1004

42.5149, -8.7309,
-48.3328

99.4666, -14.0045,
-51.8067

33.1722, -7.6858,
-47.9109

112.6498,
-15.0895, -52.4821

24.6363, -6.6285,
-47.8966

126.3690,
-16.1878, -53.1204

16.9923, -5.5425,
-48.7880

140.6039,
-17.3001, -53.7178

10.3596, -4.4093,
-51.9776

155.3365,

0.0000, NaN, -NF

-18.4267, -54.2726

0.0000, NaN, -NF

170.5504,
-19.5680, -54.7839

0.0000, NaN, -NF

■ 63.3751, -10.8188,
-49.6474

■ 63.3751, -10.8188,
-49.6474

■ 59.9968, -7.5722,
-56.6560

■ 67.0518, -13.0848,
-42.5682

■ 56.8876, -3.4712,
-63.6100

■ 71.0180, -14.3773,
-35.4749

■ 56.8853, -3.4680,
-63.6153

■ 75.2610, -14.7441,
-28.4138

■ 79.7635, -14.2557,
-21.4237

■ 84.5070, -12.9919,
-14.5313

■ 89.4731, -11.0333,
-7.7528

■ 94.6442, -8.4569,
-1.0959

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.



63.3761, -28.3632, -35.0222



63.3751, -10.8188, -49.6474



63.3761, 11.2588, -46.8274

Triad

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



63.3761, -10.8184, -49.6454



63.3761, 41.1688, 15.3937



63.3761, -32.2373, 24.2583

Complementary

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



63.3751, -10.8188, -49.6474



60.5659, 39.6884, 34.9471

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.



63.3761, -16.8091, 30.7027



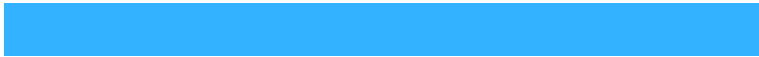
63.3751, -10.8188, -49.6474



63.3761, 26.1834, 26.9132

Square

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



63.3761, -10.8184, -49.6454



63.3761, 43.3444, -4.2265



63.3761, 4.4076, 31.4745



63.3761, -39.5725, 10.2717

Rectangle

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



63.3751, -10.8188, -49.6474



63.3761, 25.5794, -35.6627



63.3761, 4.4076, 31.4745



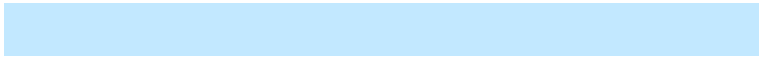
63.3761, -27.9312, 27.1448

Sweetspot

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



63.3761, -10.8184, -49.6454



87.4574, -11.8966, -10.4549



85.8637, -65.2772, 38.1801



39.6458, -5.8187, -5.9559

0.0000, NaN, NaN



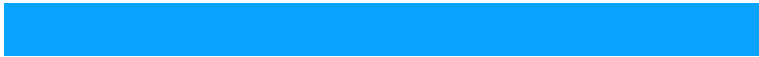
46.2646, -2.4686, 2.5136

Same Dimension

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



63.3761, -10.8184, -49.6454



58.1060, -5.1754, -60.8216



36.6113, 43.9526, -129.8828



43.9058, -3.8476, -0.3582



41.4782, -3.0970, -45.1586



13.7288, -2.2206, -12.3661

Inverse Universe

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



51.8499, 83.3276, -15.3603



49.1470, 88.4463, -10.4202



87.6798, -11.8951, 51.7003



42.6366, 2.7900, 0.3774



35.3055, 64.3022, -6.9574



11.1122, 20.4086, -3.5057

Previews

White Background



This preview shows how the HunterLab color 63.3751, -10.8188, -49.6474 looks on a white background.

Color Contrast Check

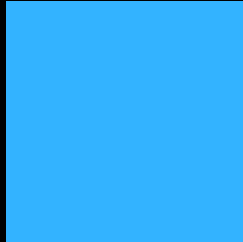
Large Text (above 18pt) WCAG AA × Fail

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 63.3751, -10.8188, -49.6474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

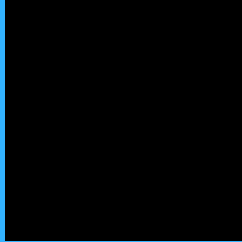
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

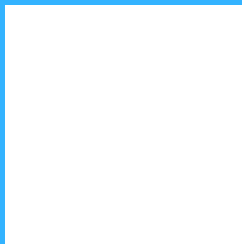
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.3751, -10.8188, -49.6474 Background



This preview shows how black text looks on a background with the HunterLab color 63.3751, -10.8188, -49.6474.



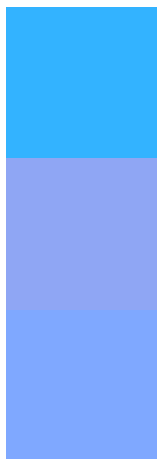
This preview shows how white text looks on a background with the HunterLab color 63.3751, -10.8188, -49.6474.

-10.8188, -49.6474.

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

63.3751, -10.8188, -49.6474

Protanopia

62.9633, 6.8795, -41.6767

Deuteranopia

63.0375, 5.2298, -50.0484



Tritanopia

63.4277, -30.3880, -13.6801

Trichromacy



Original Color

63.3751, -10.8188, -49.6474

Protanomaly

62.6244, -1.4609, -45.5152

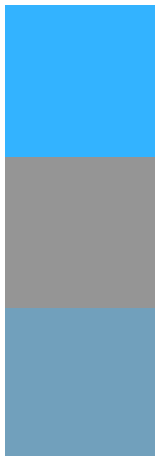
Deuteranomaly

62.7517, -1.8702, -50.7542

Tritanomaly

63.2905, -24.2626, -25.5082

Monochromacy



Original Color

63.3751, -10.8188, -49.6474

Achromatopsia

54.8219, -2.9252, 2.9786

Achromatomaly

56.8183, -10.0286, -14.8111

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.3751, -10.8188, -49.6474 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, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 179, 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, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 179, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 63.3751, -10.8188, -49.6474 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, 179, 255) }
```


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

```
.border{ border-color:rgb(51, 179, 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, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 179,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.3751, -10.8188, -49.6474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 179, 255) }
```

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

```
.background{ background-color: rgb(51, 179,  
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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