

Converting Colors

HunterLab(64.9561, -13.2340,
-46.5611)

Have a look what the booklet for
HunterLab(64.9561, -13.2340,
-46.5611) contains.

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Color

**HunterLab(64.9652,
-13.2477, -46.5437)**

Conversions

Conversions Part 1

Format	Color
Hex	33B8FF
RGB	51, 184, 255
RGB Percent	20%, 72%, 100%
CMY	0.7999, 0.2784, 0.0000
CMYK	0.80, 0.28, 0.00, 0.00
HSL	201°, 100%, 60%
HSV	201°, 80%, 100%
XYZ	36.5557, 42.2048, 100.8274
YIQ	152.3270, -102.0590, -6.1150

Conversions

Conversions Part 2

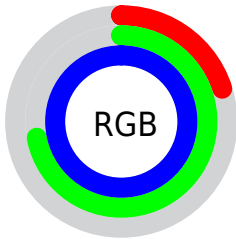
Format	Color
R _Y B	51, 132, 255
Decimal	3389695
CIE Lab	71.01, -11.44, -44.92
CIE LCh	71, 46.352, 255.717
Yxy	42.2061, 0.2036, 0.2350
Android (android.graphics.Color)	4281579775 (0xFF33B8FF)
YUV	152.3270, 50.6178, -88.8638
Hunter-Lab	64.9652, -13.2477, -46.5437

Details

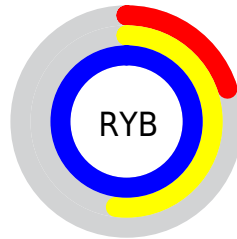
The HunterLab color **64.9652, -13.2477, -46.5437** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **59.5167, 42.2034, 34.2905**, and the grayscale version is **56.0010, -2.9881, 3.0426**.

A 20% lighter version of the original color is **86.0984, -30.1935, -12.6249**, and **45.0664, -6.3462, -42.6295** is the 20% darker color. If you saturate the color by 10%, you get **61.7596, -10.3362, -52.9495**, and if you desaturate by 10%, it is **68.4570, -15.2015, -40.0221**.

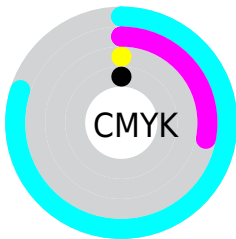
Distribution



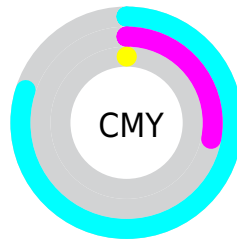
- Red (20%)
- Green (72%)
- Blue (100%)



- Red (20%)
- Yellow (52%)
- Blue (100%)



- Cyan (80%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.9652, -13.2477, -46.5437 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 64.9652, -13.2477, -46.5437 by changing the saturation by 10% instead.

■ 64.9652, -13.2477,
-46.5437

■ 64.9652, -13.2477,
-46.5437

188.5038,
-24.2333, -51.7678

■ 54.0950, -12.0510,
-45.8388

■ 88.6067, -15.6381,
-47.9518

■ 43.9086, -10.8471,
-45.1895

■ 101.3125,
-16.8393, -48.6208

■ 34.4565, -9.6272,
-44.6762

■ 114.5735,
-18.0474, -49.2531

■ 25.8010, -8.3783,
-44.4669

■ 128.3674,
-19.2638, -49.8443

■ 18.0236, -7.0780,
-44.9417

142.6743,
-20.4898, -50.3921

■ 11.2374, -5.6839,
-47.1313

157.4764,

■ 3.3485, -5.8598,

-21.7263, -50.8953

-96.3103

172.7578,
-22.9739, -51.3538

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.9652, -13.2477,
-46.5437

■ 64.9652, -13.2477,
-46.5437

■ 61.7596, -10.3362,
-52.9495

■ 68.4570, -15.2015,
-40.0221

■ 58.8081, -6.5977,
-59.2613

■ 72.2296, -16.1967,
-33.4352

■ 58.8060, -6.5948,
-59.2660

■ 76.2733, -16.2731,
-26.8276

■ 80.5734, -15.4944,
-20.2395

■ 85.1131, -13.9353,

-13.7016

■ 89.8757, -11.6729,
-7.2351

■ 94.8444, -8.7823,
-0.8531

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.



64.9662, -29.6109, -30.9034



64.9652, -13.2477, -46.5437



64.9662, 7.9749, -46.1169

Triad

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



64.9662, -13.2473, -46.5417



64.9662, 40.7328, 13.2102



64.9662, -30.2135, 25.2441

Complementary

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



64.9652, -13.2477, -46.5437



59.5167, 42.2034, 34.2905

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.



64.9662, -14.1735, 30.9308



64.9652, -13.2477, -46.5437



64.9662, 27.5950, 25.6645

Square

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



64.9662, -13.2473, -46.5417



64.9662, 41.0646, -6.8037



64.9662, 6.9223, 31.0548



64.9662, -38.5185, 12.4143

Rectangle

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



64.9652, -13.2477, -46.5437



64.9662, 22.1494, -36.6052



64.9662, 6.9223, 31.0548



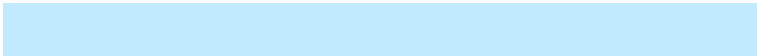
64.9662, -25.6468, 27.8430

Sweetspot

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



64.9662, -13.2473, -46.5417



87.9415, -12.6591, -9.8168



85.7651, -65.8877, 39.6266



39.9034, -6.2214, -5.6088

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.9662, -13.2473, -46.5417



59.9653, -8.1543, -56.7348



37.9786, 40.0676, -123.5925



43.9939, -3.9909, -0.2516



42.8483, -5.3102, -42.0936



14.1149, -2.8129, -11.5701

Inverse Universe

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



52.0481, 84.0839, -18.1144



49.3720, 89.2609, -13.5622



85.5650, -8.5176, 50.4039



42.6458, 2.8392, 0.2470



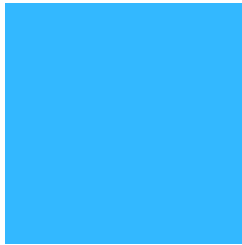
35.4703, 64.8954, -9.2616



11.1609, 20.5832, -4.1812

Previews

White Background



This preview shows how the HunterLab color 64.9652, -13.2477, -46.5437 looks on a white background.

Color Contrast Check

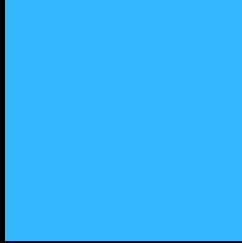
Large Text (above 18pt) WCAG AA × Fail

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 64.9652, -13.2477, -46.5437 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

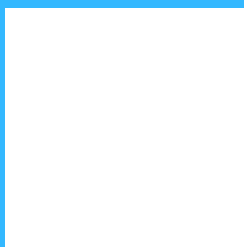
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.9652, -13.2477, -46.5437 Background



This preview shows how black text looks on a background with the HunterLab color 64.9652, -13.2477, -46.5437.



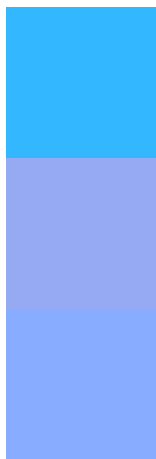
This preview shows how white text looks on a background with the HunterLab color 64.9652, -13.2477, -46.5437.

-13.2477, -46.5437.

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

64.9652, -13.2477, -46.5437

Protanopia

64.6260, 6.4503, -38.5861

Deuteranopia

64.7760, 5.0134, -46.5928



Tritanopia

64.9648, -30.9511, -14.3858

Trichromacy



Original Color

64.9652, -13.2477, -46.5437

Protanomaly

64.0427, -2.7810, -42.8023

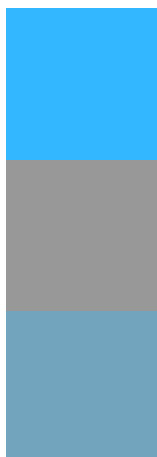
Deuteranomaly

64.2448, -2.9551, -47.7757

Tritanomaly

64.7421, -25.2905, -25.1311

Monochromacy



Original Color

64.9652, -13.2477, -46.5437

Achromatopsia

56.0347, -2.9899, 3.0445

Achromatomaly

58.1978, -11.2710, -13.3837

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9652, -13.2477, -46.5437 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, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 184, 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, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 184, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9652, -13.2477, -46.5437 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, 184, 255) }
```


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

```
.border{ border-color:rgb(51, 184, 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, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 184,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9652, -13.2477, -46.5437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 184, 255) }
```

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

```
.background{ background-color: rgb(51, 184,  
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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