

Converting Colors

HunterLab(38.3594, 10.5609,
-133.1811)

Have a look what the booklet for
HunterLab(38.3594, 10.5609,
-133.1811) contains.

HunterLab(42.8624, 23.3807, -104.0465)	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(42.8624, 23.3807,
-104.0465)**

Conversions

Conversions Part 1

Format	Color
Hex	006EFF
RGB	0, 110, 255
RGB Percent	0%, 43%, 100%
CMY	0.9997, 0.5686, 0.0000
CMYK	1.00, 0.57, 0.00, 0.00
HSL	214°, 100%, 50%
HSV	214°, 100%, 100%
XYZ	23.6259, 18.3719, 96.9086
YIQ	93.6400, -112.1050, 21.7750

Conversions

Conversions Part 2

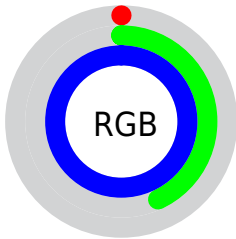
Format	Color
R _{YB}	0, 77, 255
Decimal	28415
CIE _{Lab}	49.94, 30.14, -78.68
CIE _{LCh}	50, 84.259, 290.959
Yxy	18.3722, 0.1701, 0.1323
Android (android.graphics.Color)	4278218495 (0xFF006EFF)
YUV	93.6400, 79.5505, -82.1223
Hunter-Lab	42.8624, 23.3807, -104.0465

Details

The HunterLab color **42.8624, 23.3807, -104.0465** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **64.4472, 29.5182, 40.2268**, and the grayscale version is **33.0748, -1.7648, 1.7970**.

A 20% lighter version of the original color is **60.1834, 6.2127, -56.0098**, and **27.7453, 28.0783, -95.2922** is the 20% darker color. If you saturate the color by 10%, you get **42.8514, 23.4057, -104.0866**, and if you desaturate by 10%, it is **46.8785, 15.9586, -90.4901**.

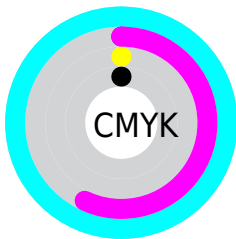
Distribution



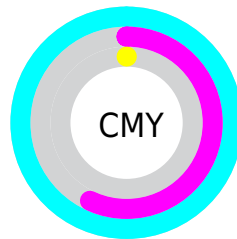
- Red (0%)
- Green (43%)
- Blue (100%)



- Red (0%)
- Yellow (30%)
- Blue (100%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8624, 23.3807, -104.0465 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 42.8624, 23.3807, -104.0465 by changing the saturation by 10% instead.

■ 42.8624, 23.3807,
-104.0465

■ 42.8624, 23.3807,
-104.0465

■ 155.8720, 28.8664,
-108.2355

■ 33.4926, 22.2916,
-105.9933

■ 63.7735, 25.2090,
-103.1032

■ 24.9266, 21.0649,
-109.9977

■ 75.2217, 25.9678,
-103.3877

■ 17.2489, 19.6949,
-118.1167

■ 87.2832, 26.6364,
-103.9365

■ 10.5775, 18.2065,
-136.0089

■ 99.9282, 27.2229,
-104.6542

0.0000, INF, -NF

0.0000, NaN, -NF

■ 113.1311, 27.7338,
-105.4786

0.0000, NaN, -NF

126.8690, 28.1749,

0.0000, NaN, -NF

-106.3679

0.0000, NaN, -NF

141.1220, 28.5510,
-107.2936

■ 42.8624, 23.3807,
-104.0465

■ 42.8624, 23.3807,
-104.0465

■ 42.8514, 23.4057,
-104.0866

■ 46.8785, 15.9586,
-90.4901

■ 51.3745, 9.6487,
-77.3587

■ 56.3301, 4.5730,
-64.7885

■ 61.6934, 0.6638,
-52.8953

■ 67.4138, -2.2023,
-41.7053

■ 73.4465, -4.1628,
-31.1879

■ 79.7532, -5.3486,
-21.2833

■ 86.3016, -5.8757,
-11.9206

■ 93.0650, -5.8431,
-3.0289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.8628, -11.9858, -113.7345



42.8624, 23.3807, -104.0465



42.8628, 60.3920, -57.3189

Triad

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



42.8628, 23.3827, -104.0449



42.8628, 46.5243, 27.8887



42.8628, -49.2838, 10.9183

Complementary

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



42.8624, 23.3807, -104.0465



64.4472, 29.5182, 40.2268

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.



42.8628, -41.8414, 25.8092



42.8624, 23.3807, -104.0465



42.8628, 8.3539, 29.7237

Square

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



42.8628, 23.3827, -104.0449



42.8628, 76.3626, 19.0206



42.8628, -23.0557, 29.2858



42.8628, -47.5060, -26.0209

Rectangle

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



42.8624, 23.3807, -104.0465



42.8628, 77.5727, -22.9809



42.8628, -23.0557, 29.2858



42.8628, -47.8913, 17.9421

Sweetspot

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



42.8628, 23.3827, -104.0449



79.7340, -5.3461, -21.3120



85.7616, -65.0890, 33.3171



35.6441, -2.2817, -11.7598

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.8628, 23.3827, -104.0449



42.8514, 23.4057, -104.0866



27.0952, 73.0316, -189.0474



43.2041, -2.6969, -1.2146



31.4291, 15.9022, -73.6119



10.8342, 2.8134, -19.6153

Inverse Universe

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



47.3154, 83.3992, 12.1305



47.3126, 83.4017, 12.1433



94.7091, -31.8845, 57.7998



42.5642, 2.4015, 1.4081



34.2420, 60.4403, 8.1740



10.7844, 19.2236, 1.1168

Previews

White Background



This preview shows how the HunterLab color 42.8624, 23.3807, -104.0465 looks on a white background.

Color Contrast Check

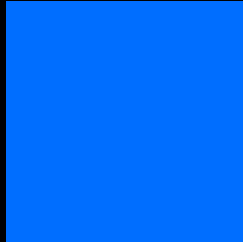
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.8624, 23.3807, -104.0465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

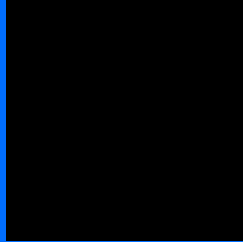
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

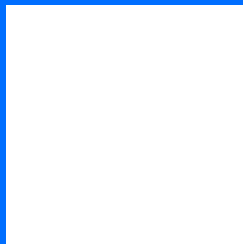
Any Text WCAG AAA × Fail

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

HunterLab 42.8624, 23.3807, -104.0465 Background



This preview shows how black text looks on a background with the HunterLab color 42.8624, 23.3807, -104.0465.



This preview shows how white text looks on a background with the HunterLab color 42.8624, 23.3807, -104.0465.

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

42.8624, 23.3807, -104.0465

Protanopia

42.8783, 16.1085, -88.3678

Deuteranopia

42.6377, 1.1579, -55.7930



Tritanopia

42.5402, -20.8347, -8.1953

Trichromacy



Original Color

42.8624, 23.3807, -104.0465

Protanomaly

42.9698, 18.4343, -93.5030

Deuteranomaly

42.5493, 8.6689, -71.8966

Tritanomaly

41.8355, -7.4048, -36.3059

Monochromacy



Original Color

42.8624, 23.3807, -104.0465

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

35.1780, 0.1936, -29.1139

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8624, 23.3807, -104.0465 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(0, 110, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 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(0, 110, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8624, 23.3807, -104.0465 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(0, 110, 255) }
```


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

```
.border{ border-color:rgb(0, 110, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 110, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 110,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.8624, 23.3807, -104.0465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 255) }
```

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

```
.background{ background-color: rgb(0, 110,  
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