

Converting Colors

HunterLab(58.7773, -39.3976,
-43.0449)

Have a look what the booklet for
HunterLab(58.7773, -39.3976,
-43.0449) contains.

HunterLab(63.4204, -20.9433, -34.0595)	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(63.4204,
-20.9433, -34.0595)**

Conversions

Conversions Part 1

Format	Color
Hex	00B8EA
RGB	0, 184, 234
RGB Percent	0%, 72%, 92%
CMY	0.9998, 0.2784, 0.0823
CMYK	1.00, 0.21, 0.00, 0.08
HSL	193°, 100%, 46%
HSV	193°, 100%, 92%
XYZ	31.9917, 40.2215, 83.9192
YIQ	134.6840, -125.7140, -23.4580

Conversions

Conversions Part 2

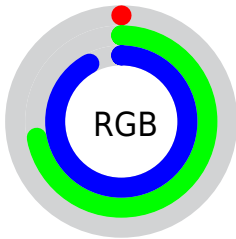
Format	Color
RYB	0, 103, 234
Decimal	47338
CIELab	69.63, -21.28, -35.74
CIELCh	70, 41.591, 239.233
Yxy	40.2229, 0.2049, 0.2576
Android (android.graphics.Color)	4278237418 (0xFF00B8EA)
YUV	134.6840, 48.9628, -118.1179
Hunter-Lab	63.4204, -20.9433, -34.0595

Details

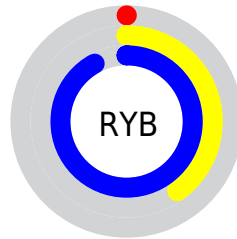
The HunterLab color **63.4204, -20.9433, -34.0595** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **44.4737, 62.9506, 28.5042**, and the grayscale version is **48.9526, -2.6120, 2.6597**.

A 20% lighter version of the original color is **85.3179, -33.1554, -13.7538**, and **44.0987, -11.7929, -29.6620** is the 20% darker color. If you saturate the color by 10%, you get **63.4169, -20.9381, -34.0664**, and if you desaturate by 10%, it is **65.2111, -22.6571, -30.9885**.

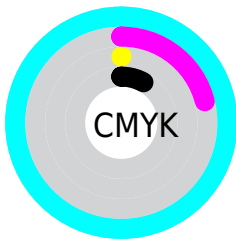
Distribution



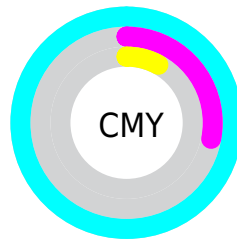
- Red (0%)
- Green (72%)
- Blue (92%)



- Red (0%)
- Yellow (40%)
- Blue (92%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (28%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.4204, -20.9433, -34.0595 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 63.4204, -20.9433, -34.0595 by changing the saturation by 10% instead.

63.4204, -20.9433,
-34.0595

63.4204, -20.9433,
-34.0595

186.2960,
-35.8570, -37.6641

52.6425, -19.1824,
-33.4350

86.8923, -24.3568,
-35.1970

42.5546, -17.3685,
-32.7999

99.5193, -26.0282,
-35.6972

33.2088, -15.4800,
-32.1956

112.7048,
-27.6840, -36.1476

24.6695, -13.4842,
-31.7137

126.4261,
-29.3288, -36.5479

17.0216, -11.3256,
-31.5738

140.6631,
-30.9659, -36.8986

10.3845, -9.6863,
-32.4033

155.3977,

0.0000, NaN, -NF

-32.5982, -37.2007

0.0000, NaN, -NF

170.6135,
-34.2279, -37.4554

0.0000, NaN, -NF

■ 63.4204, -20.9433,
-34.0595

■ 63.4204, -20.9433,
-34.0595

■ 63.4169, -20.9381,
-34.0664

■ 65.2111, -22.6571,
-30.9885

■ 67.1768, -23.7345,
-27.7251

■ 69.3555, -24.0328,
-24.2296

■ 71.7575, -23.5182,
-20.5129

■ 74.3853, -22.1932,
-16.5984

■ 77.2360, -20.0854,
-12.5148

■ 80.3037, -17.2388,
-8.2919

■ 83.5799, -13.7077,
-3.9585

■ 87.0548, -9.5505,
0.4596

Harmonies

Analogous

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



63.4215, -32.1106, -15.8782



63.4204, -20.9433, -34.0595



63.4215, -3.8734, -41.8088

Triad

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



63.4215, -20.9428, -34.0583



63.4215, 37.2366, 2.9875



63.4215, -20.1922, 26.8329

Complementary

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



63.4204, -20.9433, -34.0595



44.4737, 62.9506, 28.5042

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.



63.4215, -2.9000, 29.2205



63.4204, -20.9433, -34.0595



63.4215, 31.5785, 18.1327

Square

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



63.4215, -20.9428, -34.0583



63.4215, 30.9922, -16.9219



63.4215, 16.3132, 26.5683



63.4215, -31.7143, 18.7246

Rectangle

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



63.4204, -20.9433, -34.0595



63.4215, 9.0455, -38.6798



63.4215, 16.3132, 26.5683



63.4215, -14.9307, 28.2037

Sweetspot

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



63.4215, -20.9428, -34.0583



88.4718, -19.0634, -9.2199



76.8444, -64.9449, 44.1515



40.2558, -9.4764, -5.1852

0.0000, NaN, NaN



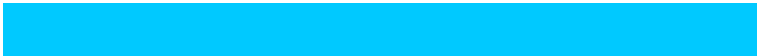
46.2646, -2.4686, 2.5136

Same Dimension

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



63.4215, -20.9428, -34.0583



69.8288, -22.9659, -37.7031



32.1742, 38.3296, -122.9506



40.6739, -4.3475, 0.3195



47.7390, -15.9722, -25.1902



13.8763, -5.1550, -6.2161

Inverse Universe

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



45.7763, 85.9458, -29.0243



50.4515, 94.7116, -31.8311



66.3166, 10.9249, 41.0537



39.0582, 2.7998, -0.4101



34.3416, 64.5290, -22.1334



9.6943, 18.3339, -7.1627

Previews

White Background



This preview shows how the HunterLab color 63.4204, -20.9433, -34.0595 looks on a white background.

Color Contrast Check

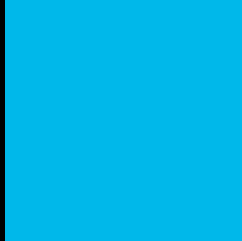
Large Text (above 18pt) WCAG AA × Fail

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 63.4204, -20.9433, -34.0595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

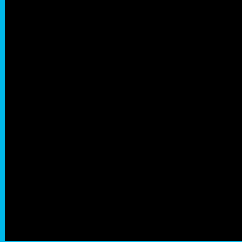
Any Text WCAG AA ✓ Pass

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 63.4204, -20.9433, -34.0595 Background



This preview shows how black text looks on a background with the HunterLab color 63.4204, -20.9433, -34.0595.



This preview shows how white text looks on a background with the HunterLab color 63.4204,

-20.9433, -34.0595.

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

63.4204, -20.9433, -34.0595

Protanopia

63.0301, 3.5325, -25.4468

Deuteranopia

63.0395, 5.0752, -37.1443



Tritanopia

63.4277, -30.3880, -13.6801

Trichromacy



Original Color

63.4204, -20.9433, -34.0595



Protanomaly

61.6237, -10.2023, -31.4331



Deuteranomaly

61.8683, -8.3182, -38.8045



Tritanomaly

63.5576, -27.2301, -20.6595

Monochromacy



Original Color

63.4204, -20.9433, -34.0595



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

52.6319, -15.5274, -11.2423

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.4204, -20.9433, -34.0595 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, 184, 234)` looks like.

```
.text, #text, p{  
    color:rgb(0, 184, 234)  
}
```

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, 184, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 184, 234) }
```

Border

The CSS property to change the border of an element to HunterLab 63.4204, -20.9433, -34.0595 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, 184, 234) }
```


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

```
.border{ border-color:rgb(0, 184, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 184, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 184, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 184, 234); box-shadow:4px 4px 4px 4px rgb(0, 184, 234) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.4204, -20.9433, -34.0595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 184, 234) }
```

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

```
.background{ background-color: rgb(0, 184,  
234) }
```

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