

Converting Colors

HunterLab(47.4130, -7.8304,
-42.3585)

Have a look what the booklet for
HunterLab(47.4130, -7.8304,
-42.3585) contains.

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Color

HunterLab(47.4727, -7.9229,
-42.2334)

Conversions

Conversions Part 1

Format	Color
Hex	008ACC
RGB	0, 138, 204
RGB Percent	0%, 54%, 80%
CMY	0.9998, 0.4588, 0.2000
CMYK	1.00, 0.32, 0.00, 0.20
HSL	199°, 100%, 40%
HSV	199°, 100%, 80%
XYZ	19.9876, 22.5366, 60.4232
YIQ	104.2620, -103.4340, -8.7300

Conversions

Conversions Part 2

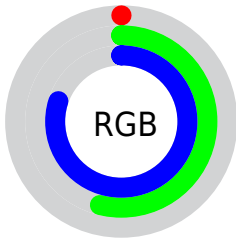
Format	Color
R _Y B	0, 82, 204
Decimal	35532
CIE Lab	54.59, -6.94, -42.64
CIE LCh	55, 43.204, 260.756
Yxy	22.5373, 0.1942, 0.2189
Android (android.graphics.Color)	4278225612 (0xFF008ACC)
YUV	104.2620, 49.1708, -91.4378
Hunter-Lab	47.4727, -7.9229, -42.2334

Details

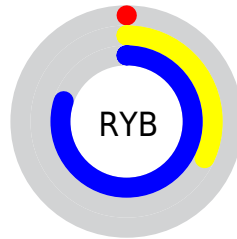
The HunterLab color **47.4727, -7.9229, -42.2334** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **40.9139, 45.5567, 26.0065**, and the grayscale version is **37.1591, -1.9827, 2.0189**.

A 20% lighter version of the original color is **68.6544, -11.3974, -39.5984**, and **30.2479, -0.3271, -37.1011** is the 20% darker color. If you saturate the color by 10%, you get **47.4685, -7.9162, -42.2427**, and if you desaturate by 10%, it is **49.6414, -10.4202, -37.8243**.

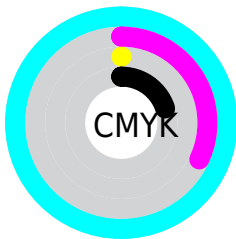
Distribution



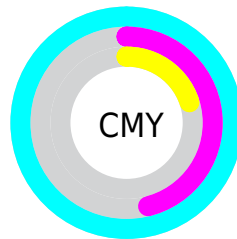
- Red (0%)
- Green (54%)
- Blue (80%)



- Red (0%)
- Yellow (32%)
- Blue (80%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (46%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.4727, -7.9229, -42.2334 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 47.4727, -7.9229, -42.2334 by changing the saturation by 10% instead.

■ 47.4727, -7.9229,
-42.2334

■ 47.4727, -7.9229,
-42.2334

162.8924,
-16.9299, -47.5858

■ 37.7521, -6.9880,
-41.6280

■ 69.0163, -9.8194,
-43.6039

■ 28.8033, -6.0572,
-41.2061

■ 80.7535, -10.7874,
-44.2864

■ 20.7005, -5.1213,
-41.2059

■ 93.0897, -11.7703,
-44.9407

■ 13.5436, -4.1639,
-42.2324

■ 105.9970,
-12.7691, -45.5578

■ 7.1303, -4.6222,
-49.0187

■ 119.4512,
-13.7841, -46.1327

0.0000, NaN, -NF

0.0000, NaN, -NF

133.4309,

-14.8158, -46.6628

0.0000, NaN, NaN

147.9170,
-15.8643, -47.1472

0.0000, NaN, NaN

■ 47.4727, -7.9229,
-42.2334

■ 47.4727, -7.9229,
-42.2334

■ 47.4685, -7.9162,
-42.2427

■ 49.6414, -10.4202,
-37.8243

■ 51.9875, -12.3263,
-33.3331

■ 54.5409, -13.5205,
-28.7303

■ 57.3015, -13.9996,
-24.0458

■ 60.2630, -13.7901,
-19.3125

■ 63.4159, -12.9356,
-14.5602

■ 66.7493, -11.4885,
-9.8137

■ 70.2513, -9.5042,
-5.0915

■ 73.9105, -7.0373,
-0.4066

Harmonies

Analogous

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



47.4735, -22.3487, -30.2765



47.4727, -7.9229, -42.2334



47.4735, 10.2448, -39.1849

Triad

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



47.4735, -7.9222, -42.2324



47.4735, 33.9940, 12.7561



47.4735, -26.2912, 18.9414

Complementary

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



47.4727, -7.9229, -42.2334



40.9139, 45.5567, 26.0065

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.



47.4735, -14.0924, 24.0933



47.4727, -7.9229, -42.2334



47.4735, 21.1766, 21.5479

Square

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



47.4735, -7.9222, -42.2324



47.4735, 36.2943, -2.9633



47.4735, 3.1024, 24.8288



47.4735, -31.8743, 7.5336

Rectangle

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



47.4727, -7.9229, -42.2334



47.4735, 22.0023, -29.3812



47.4735, 3.1024, 24.8288



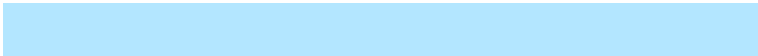
47.4735, -22.9213, 21.2545

Sweetspot

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



47.4735, -7.9222, -42.2324



85.7170, -14.8758, -12.8816



66.0029, -54.5549, 35.2732



38.7981, -7.2855, -7.1657

0.0000, NaN, NaN



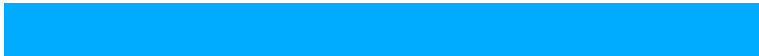
46.2646, -2.4686, 2.5136

Same Dimension

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



47.4735, -7.9222, -42.2324



60.7526, -9.6686, -55.0638



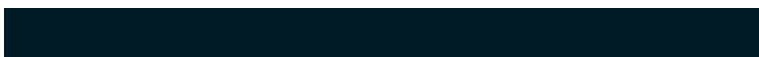
23.8968, 44.6419, -126.2308



34.7723, -3.2274, -0.0636



37.8911, -6.6383, -33.0304



9.3526, -2.6163, -6.0421

Inverse Universe

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



38.3060, 70.3836, -12.3810



49.2515, 90.4298, -15.3458



63.5075, -2.5063, 39.0879



33.6743, 2.1727, 0.1366



30.4177, 55.9454, -10.2215



7.0061, 13.0545, -3.6616

Previews

White Background



This preview shows how the HunterLab color 47.4727, -7.9229, -42.2334 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 47.4727, -7.9229, -42.2334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

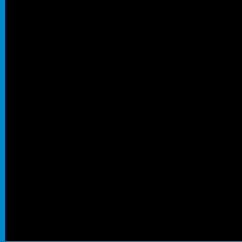
Any Text WCAG AA ✓ Pass

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 47.4727, -7.9229, -42.2334 Background



This preview shows how black text looks on a background with the HunterLab color 47.4727, -7.9229, -42.2334.

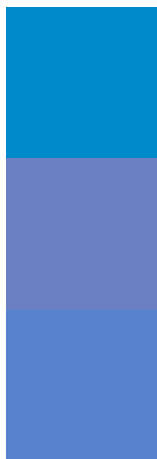


This preview shows how white text looks on a background with the HunterLab color 47.4727, -7.9229, -42.2334.

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

47.4727, -7.9229, -42.2334

Protanopia

47.4387, 5.9071, -35.1932

Deuteranopia

47.4302, 4.1120, -43.6952



Tritanopia

47.5577, -23.0158, -9.7586

Trichromacy



Original Color

47.4727, -7.9229, -42.2334

Protanomaly

46.6998, -2.1132, -39.0905

Deuteranomaly

46.9293, -2.1068, -44.0896

Tritanomaly

47.2897, -17.7739, -20.7392

Monochromacy



Original Color

47.4727, -7.9229, -42.2334

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

39.4240, -9.1095, -13.1800

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.4727, -7.9229, -42.2334 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, 138, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 138, 204)  
}
```

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, 138, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 138, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 47.4727, -7.9229, -42.2334 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, 138, 204) }
```


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

```
.border{ border-color:rgb(0, 138, 204) }
```

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

Here you see how a box with a 4 pixel rgb(0, 138, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 138, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 138, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 138,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.4727, -7.9229, -42.2334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 138, 204) }
```

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

```
.background{ background-color: rgb(0, 138,  
204) }
```

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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