

Converting Colors

HunterLab(47.9019, -4.3472,
-45.2216)

Have a look what the booklet for
HunterLab(47.9019, -4.3472,
-45.2216) contains.

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Color

HunterLab(47.9019, -4.3472,
-45.2216)

Conversions

Conversions Part 1

Format	Color
Hex	2889D1
RGB	40, 137, 209
RGB Percent	16%, 54%, 82%
CMY	0.8431, 0.4627, 0.1804
CMYK	0.81, 0.34, 0.00, 0.18
HSL	206°, 68%, 49%
HSV	206°, 81%, 82%
XYZ	21.3294, 22.9459, 63.6265
YIQ	116.2050, -80.9240, 1.8280

Conversions

Conversions Part 2

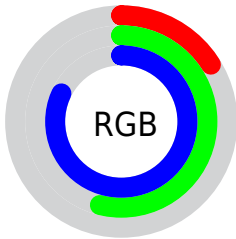
Format	Color
R_{YB}	40, 102, 209
Decimal	2656721
CIE _{Lab}	55.02, -2.26, -44.76
CIE _{LCh}	55, 44.821, 267.108
Yxy	22.9467, 0.1977, 0.2127
Android (android.graphics.Color)	4280846801 (0xFF2889D1)
YUV	116.2050, 45.7479, -66.8318
Hunter-Lab	47.9019, -4.3472, -45.2216

Details

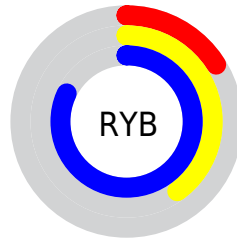
The HunterLab color **47.9019, -4.3472, -45.2216** is a dark color, and the websafe version is hex **6699CC**. The color can be described as dark washed azure. A complement of this color would be **50.2996, 27.2171, 29.1029**, and the grayscale version is **41.7236, -2.2263, 2.2669**.

A 20% lighter version of the original color is **68.9142, -8.8452, -39.0856**, and **30.5165, 1.1261, -40.5738** is the 20% darker color. If you saturate the color by 10%, you get **44.9518, -1.1878, -51.8847**, and if you desaturate by 10%, it is **51.1095, -6.6957, -38.6010**.

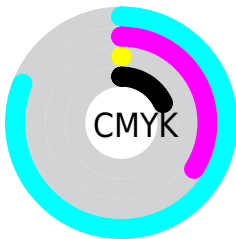
Distribution



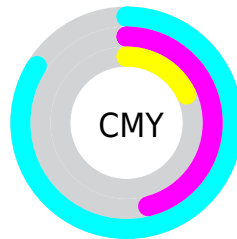
- Red (16%)
- Green (54%)
- Blue (82%)



- Red (16%)
- Yellow (40%)
- Blue (82%)



- Cyan (81%)
- Magenta (34%)
- Yellow (0%)
- Black (18%)



- Cyan (84%)
- Magenta (46%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9019, -4.3472, -45.2216 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 47.9019, -4.3472, -45.2216 by changing the saturation by 10% instead.

■ 47.9019, -4.3472,
-45.2216

■ 47.9019, -4.3472,
-45.2216

163.5393,
-11.4382, -50.8465

■ 38.1499, -3.6929,
-44.6367

■ 69.5023, -5.7396,
-46.6084

■ 29.1669, -3.0689,
-44.2711

■ 81.2656, -6.4776,
-47.3155

■ 21.0264, -2.4745,
-44.3903

■ 93.6266, -7.2422,
-48.0007

■ 13.8268, -1.9089,
-45.6602

■ 106.5576, -8.0325,
-48.6532

■ 7.4529, -1.7203,
-52.3273

■ 120.0345, -8.8479,
-49.2666

0.0000, NaN, -NF

0.0000, NaN, -NF

134.0361, -9.6878,

-49.8376

0.0000, NaN, -NF

148.5434,
-10.5514, -50.3644

0.0000, NaN, NaN

■ 47.9019, -4.3472,
-45.2216

■ 47.9019, -4.3472,
-45.2216

■ 44.9518, -1.1878,
-51.8847

■ 51.1095, -6.6957,
-38.6010

■ 42.4557, 2.3039,
-58.0394

■ 54.5610, -8.2539,
-32.0748

■ 58.2406, -9.0726,
-25.6802

■ 62.1305, -9.2182,
-19.4411

■ 66.2129, -8.7616,
-13.3685

■ 70.4708, -7.7716,
-7.4638

■ 74.8891, -6.3114,
-1.7215

■ 79.4539, -4.4380,
3.8679

■ 84.1530, -2.2011,
9.3162

Harmonies

Analogous

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



47.9027, -20.4450, -35.5722



47.9019, -4.3472, -45.2216



47.9027, 14.8183, -38.5425

Triad

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



47.9027, -4.3465, -45.2205



47.9027, 33.5416, 15.6444



47.9027, -29.0009, 17.6267

Complementary

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



47.9019, -4.3472, -45.2216



50.2996, 27.2171, 29.1029

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.



47.9027, -17.7646, 24.0569



47.9019, -4.3472, -45.2216



47.9027, 18.4111, 23.2566

Square

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



47.9027, -4.3465, -45.2205



47.9027, 38.5641, 0.8621



47.9027, -0.7439, 25.6359



47.9027, -33.2532, 4.2895

Rectangle

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



47.9019, -4.3472, -45.2216



47.9027, 26.5027, -26.7437



47.9027, -0.7439, 25.6359



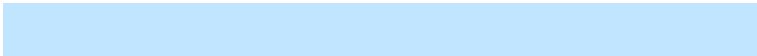
47.9027, -26.0082, 20.4410

Sweetspot

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



47.9027, -4.3465, -45.2205



86.4059, -10.2270, -11.8541



68.6934, -51.3166, 28.5924



39.0869, -4.9364, -6.7180

0.0000, NaN, NaN



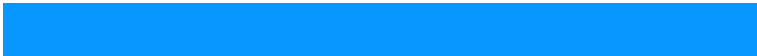
46.2646, -2.4686, 2.5136

Same Dimension

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



47.9027, -4.3465, -45.2205



53.8129, 1.9893, -71.0428



27.7532, 39.5986, -111.0736



35.3950, -2.8418, -0.4239



33.6342, 1.2854, -44.8147



8.8779, -1.2310, -8.4393

Inverse Universe

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



41.0856, 65.2567, -7.6949



48.5959, 86.8491, -3.5392



72.5965, -13.5093, 42.8565



34.5258, 2.0804, 0.5651



30.3534, 54.7994, -2.2336



7.2860, 13.3496, -2.0525

Previews

White Background



This preview shows how the HunterLab color 47.9019, -4.3472, -45.2216 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 47.9019, -4.3472, -45.2216 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 47.9019, -4.3472, -45.2216 Background



This preview shows how black text looks on a background with the HunterLab color 47.9019, -4.3472, -45.2216.



This preview shows how white text looks on a background with the HunterLab color 47.9019, -4.3472, -45.2216.

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

47.9019, -4.3472, -45.2216

Protanopia

47.6011, 7.0241, -39.3730

Deuteranopia

47.7185, 4.0446, -46.2836



Tritanopia

47.5932, -22.8063, -10.2550

Trichromacy



Original Color

47.9019, -4.3472, -45.2216

Protanomaly

47.2669, 1.9080, -42.4989

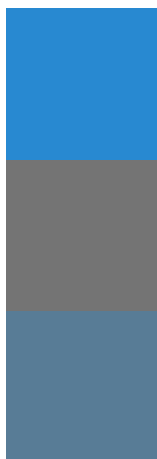
Deuteranomaly

47.5995, 0.7177, -46.6046

Tritanomaly

47.4792, -16.8910, -21.6857

Monochromacy



Original Color

47.9019, -4.3472, -45.2216

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

43.2343, -6.5577, -13.0437

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9019, -4.3472, -45.2216 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(40, 137, 209)` looks like.

```
.text, #text, p{  
    color:rgb(40, 137, 209)  
}
```

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(40, 137, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 137, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9019, -4.3472, -45.2216 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(40, 137, 209) }
```


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

```
.border{ border-color:rgb(40, 137, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 137, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 137, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 137, 209);  
box-shadow:4px 4px 4px 4px rgb(40, 137,  
209) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.9019, -4.3472, -45.2216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 137, 209) }
```

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

```
.background{ background-color: rgb(40, 137,  
209) }
```

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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