

Converting Colors

HunterLab(47.3135, -6.5154,
-41.1181)

Have a look what the booklet for
HunterLab(47.3135, -6.5154,
-41.1181) contains.

HunterLab(47.4296, -6.7312, -40.7419)	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(47.4296, -6.7312,
-40.7419)

Conversions

Conversions Part 1

Format	Color
Hex	2289CA
RGB	34, 137, 202
RGB Percent	13%, 54%, 79%
CMY	0.8666, 0.4627, 0.2078
CMYK	0.83, 0.32, 0.00, 0.21
HSL	203°, 71%, 46%
HSV	203°, 83%, 79%
XYZ	20.2660, 22.4957, 59.1511
YIQ	113.6130, -82.2530, -1.6210

Conversions

Conversions Part 2

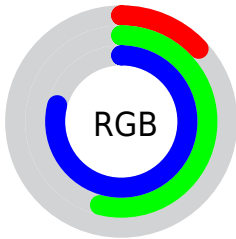
Format	Color
R_{YB}	34, 98, 202
Decimal	2263498
CIE _{Lab}	54.55, -5.38, -41.55
CIE _{LCh}	55, 41.902, 262.621
Yxy	22.4964, 0.1989, 0.2207
Android (android.graphics.Color)	4280453578 (0xFF2289CA)
YUV	113.6130, 43.5748, -69.8206
Hunter-Lab	47.4296, -6.7312, -40.7419

Details

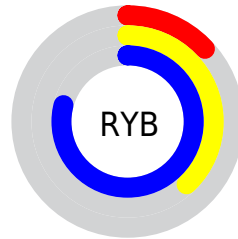
The HunterLab color $47.4296, -6.7312, -40.7419$ is a dark color, and the websafe version is hex $3399CC$. The color can be described as dark muted azure. A complement of this color would be $46.4747, 30.4736, 27.2387$, and the grayscale version is $40.7347, -2.1735, 2.2132$.

A 20% lighter version of the original color is $68.7278, -9.5086, -39.4329$, and $30.1430, -0.8983, -35.7371$ is the 20% darker color. If you saturate the color by 10%, you get $44.8392, -3.9714, -46.3256$, and if you desaturate by 10%, it is $50.2491, -8.7504, -35.1212$.

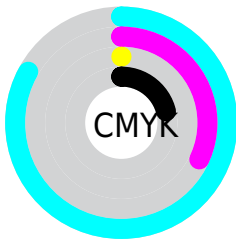
Distribution



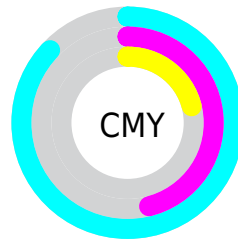
- Red (13%)
- Green (54%)
- Blue (79%)



- Red (13%)
- Yellow (38%)
- Blue (79%)



- Cyan (83%)
- Magenta (32%)
- Yellow (0%)
- Black (21%)



- Cyan (87%)
- Magenta (46%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.4296, -6.7312, -40.7419 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 47.4296, -6.7312, -40.7419 by changing the saturation by 10% instead.

■ 47.4296, -6.7312,
-40.7419

■ 47.4296, -6.7312,
-40.7419

162.8274,
-15.0919, -45.9389

■ 37.7122, -5.8913,
-40.1269

■ 68.9674, -8.4575,
-42.1005

■ 28.7668, -5.0644,
-39.6753

■ 80.7021, -9.3479,
-42.7685

■ 20.6679, -4.2443,
-39.6086

■ 93.0358, -10.2572,
-43.4051

■ 13.5153, -3.4200,
-40.4905

■ 105.9407,
-11.1856, -44.0021

■ 7.0971, -3.6834,
-46.9110

■ 119.3926,
-12.1334, -44.5555

0.0000, NaN, -NF

133.3700,

0.0000, NaN, -NF

-13.1004, -45.0631

0.0000, NaN, NaN

147.8541,
-14.0866, -45.5242

0.0000, NaN, NaN

■ 47.4296, -6.7312,
-40.7419

■ 47.4296, -6.7312,
-40.7419

■ 44.8392, -3.9714,
-46.3256

■ 50.2491, -8.7504,
-35.1212

■ 43.1733, -1.7595,
-50.1646

■ 53.2912, -10.0294,
-29.5053

■ 56.5461, -10.6014,
-23.9312

■ 60.0003, -10.5187,
-18.4283

■ 63.6393, -9.8417,
-13.0168

■ 67.4487, -8.6319,
-7.7082

■ 71.4148, -6.9483,
-2.5069

■ 75.5251, -4.8447,
2.5874

■ 79.7681, -2.3698,
7.5785

Harmonies

Analogous

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



47.4304, -21.0855, -30.0740



47.4296, -6.7312, -40.7419



47.4304, 10.9510, -36.8996

Triad

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



47.4304, -6.7306, -40.7409



47.4304, 32.2430, 13.2112



47.4304, -26.1775, 18.0547

Complementary

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



47.4296, -6.7312, -40.7419



46.4747, 30.4736, 27.2387

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.



47.4304, -14.6615, 23.4874



47.4296, -6.7312, -40.7419



47.4304, 19.3975, 21.4716

Square

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



47.4304, -6.7306, -40.7409



47.4304, 35.1686, -1.6650



47.4304, 1.8152, 24.4632



47.4304, -31.2194, 6.4689

Rectangle

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



47.4296, -6.7312, -40.7419



47.4304, 22.1582, -27.1042



47.4304, 1.8152, 24.4632



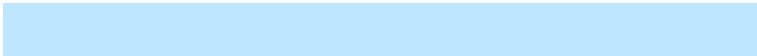
47.4304, -23.0215, 20.4630

Sweetspot

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



47.4304, -6.7306, -40.7409



86.6648, -11.6305, -11.5252



65.9329, -50.3938, 29.2626



39.2746, -5.6518, -6.4680

0.0000, NaN, NaN



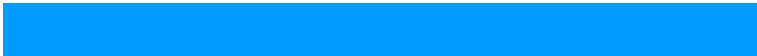
46.2646, -2.4686, 2.5136

Same Dimension

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



47.4304, -6.7306, -40.7409



55.7747, -1.6133, -66.2308



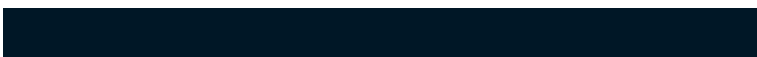
26.8464, 36.9437, -106.2156



34.5972, -2.9426, -0.2750



34.8873, -1.8366, -39.6414



8.7884, -1.7857, -7.1300

Inverse Universe

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



39.3800, 64.5533, -10.2375



48.6534, 88.2768, -6.9825



68.0392, -10.3071, 40.4251



33.6561, 2.0750, 0.3955



30.0528, 54.6329, -5.1278



6.9319, 12.7898, -2.6418

Previews

White Background



This preview shows how the HunterLab color 47.4296, -6.7312, -40.7419 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 47.4296, -6.7312, -40.7419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

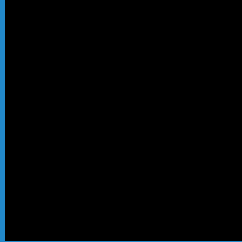
Any Text WCAG AA ✓ Pass

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 47.4296, -6.7312, -40.7419 Background



This preview shows how black text looks on a background with the HunterLab color 47.4296, -6.7312, -40.7419.

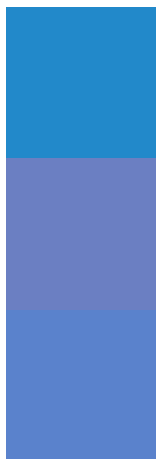


This preview shows how white text looks on a background with the HunterLab color 47.4296, -6.7312, -40.7419.

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

47.4296, -6.7312, -40.7419

Protanopia

47.1164, 6.1604, -35.0852

Deuteranopia

47.4326, 3.9166, -42.1111



Tritanopia

47.2367, -22.6198, -10.2121

Trichromacy



Original Color

47.4296, -6.7312, -40.7419

Protanomaly

46.8714, -0.1368, -37.9393

Deuteranomaly

47.3170, -0.9700, -41.6571

Tritanomaly

47.0175, -17.2743, -20.5477

Monochromacy



Original Color

47.4296, -6.7312, -40.7419

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

42.3387, -7.0831, -12.1170

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.4296, -6.7312, -40.7419 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(34, 137, 202)` looks like.

```
.text, #text, p{  
    color:rgb(34, 137, 202)  
}
```

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(34, 137, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 137, 202) }
```

Border

The CSS property to change the border of an element to HunterLab 47.4296, -6.7312, -40.7419 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(34, 137, 202) }
```


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

```
.border{ border-color:rgb(34, 137, 202) }
```

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

Here you see how a box with a 4 pixel rgb(34, 137, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 137, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 137, 202);  
box-shadow:4px 4px 4px 4px rgb(34, 137,  
202) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.4296, -6.7312, -40.7419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 137, 202) }
```

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

```
.background{ background-color: rgb(34, 137,  
202) }
```

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