

Converting Colors

HunterLab(47.9927, -9.9470,
-35.1193)

Have a look what the booklet for
HunterLab(47.9927, -9.9470,
-35.1193) contains.

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Color

HunterLab(47.9927, -9.9470,
-35.1193)

Conversions

Conversions Part 1

Format	Color
Hex	1F8CC4
RGB	31, 140, 196
RGB Percent	12%, 55%, 77%
CMY	0.8784, 0.4510, 0.2314
CMYK	0.84, 0.29, 0.00, 0.23
HSL	200°, 73%, 45%
HSV	200°, 84%, 77%
XYZ	19.9069, 23.0330, 55.6212
YIQ	113.7930, -82.9400, -5.6920

Conversions

Conversions Part 2

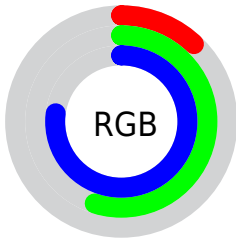
Format	Color
R_{YB}	31, 97, 196
Decimal	2067652
CIE _{Lab}	55.11, -9.56, -37.28
CIE _{LCh}	55, 38.487, 255.619
Yxy	23.0338, 0.2020, 0.2337
Android (android.graphics.Color)	4280257732 (0xFF1F8CC4)
YUV	113.7930, 40.5281, -72.6095
Hunter-Lab	47.9927, -9.9470, -35.1193

Details

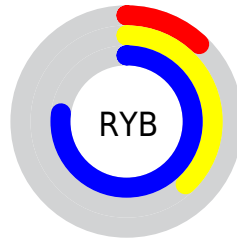
The HunterLab color **47.9927, -9.9470, -35.1193** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **43.1901, 33.6174, 25.4209**, and the grayscale version is **40.8154, -2.1778, 2.2176**.

A 20% lighter version of the original color is **69.4953, -11.8294, -36.6665**, and **30.4390, -3.1960, -31.1469** is the 20% darker color. If you saturate the color by 10%, you get **45.7497, -7.7139, -39.6261**, and if you desaturate by 10%, it is **50.4376, -11.5046, -30.5131**.

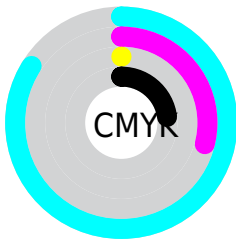
Distribution



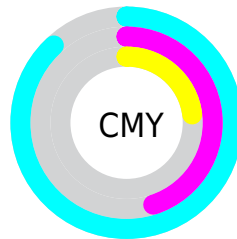
- Red (12%)
- Green (55%)
- Blue (77%)



- Red (12%)
- Yellow (38%)
- Blue (77%)



- Cyan (84%)
- Magenta (29%)
- Yellow (0%)
- Black (23%)



- Cyan (88%)
- Magenta (45%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9927, -9.9470, -35.1193 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 47.9927, -9.9470, -35.1193 by changing the saturation by 10% instead.

■ 47.9927, -9.9470,
-35.1193

■ 47.9927, -9.9470,
-35.1193

163.6760,
-20.0521, -39.6007

■ 38.2341, -8.8512,
-34.4858

■ 69.6051, -12.1328,
-36.3986

■ 29.2439, -7.7443,
-33.9383

■ 81.3740, -13.2327,
-36.9960

■ 21.0954, -6.6122,
-33.6284

■ 93.7402, -14.3408,
-37.5505

■ 13.8868, -5.4298,
-33.9444

■ 106.6762,
-15.4589, -38.0580

■ 7.5192, -5.9410,
-37.6495

■ 120.1579,
-16.5883, -38.5167

0.0000, NaN, -NF

0.0000, NaN, -NF

134.1641,

-17.7299, -38.9264

0.0000, NaN, NaN

148.6758,
-18.8843, -39.2874

0.0000, NaN, NaN

■ 47.9927, -9.9470,
-35.1193

■ 47.9927, -9.9470,
-35.1193

■ 45.7497, -7.7139,
-39.6261

■ 50.4376, -11.5046,
-30.5131

■ 44.5098, -6.2001,
-42.2491

■ 53.0837, -12.3724,
-25.8376

■ 55.9265, -12.5689,
-21.1244

■ 58.9567, -12.1334,
-16.4039

■ 62.1634, -11.1155,
-11.7008

■ 65.5351, -9.5688,
-7.0334

■ 69.0601, -7.5468,
-2.4143

■ 72.7272, -5.1002,
2.1490

■ 76.5260, -2.2757,
6.6527

Harmonies

Analogous

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



47.9935, -22.1881, -23.2708



47.9927, -9.9470, -35.1193



47.9935, 5.9776, -34.8411

Triad

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



47.9935, -9.9465, -35.1183



47.9935, 30.6939, 9.8233



47.9935, -22.5774, 18.8678

Complementary

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



47.9927, -9.9470, -35.1193



43.1901, 33.6174, 25.4209

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.



47.9935, -10.5460, 23.0741



47.9927, -9.9470, -35.1193



47.9935, 20.8298, 19.1378

Square

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



47.9935, -9.9465, -35.1183



47.9935, 30.9097, -5.2143



47.9935, 5.2949, 23.1533



47.9935, -28.8083, 9.3091

Rectangle

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



47.9927, -9.9470, -35.1193



47.9935, 16.6390, -27.6752



47.9935, 5.2949, 23.1533



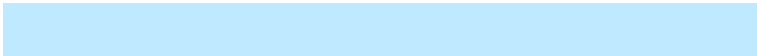
47.9935, -19.1530, 20.7940

Sweetspot

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



47.9935, -9.9465, -35.1183



87.6423, -13.1679, -10.2279



63.5955, -49.5821, 30.1089



39.7910, -6.4583, -5.7672

0.0000, NaN, NaN



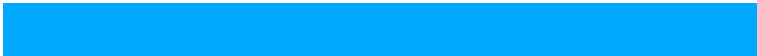
46.2646, -2.4686, 2.5136

Same Dimension

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



47.9935, -9.9465, -35.1183



59.4901, -7.6856, -57.7665



27.1207, 31.9704, -96.9006



32.9150, -2.9838, -0.0976



35.9083, -5.3312, -33.3737



8.2497, -2.2860, -5.3767

Inverse Universe

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



38.2233, 63.8173, -13.8161



49.0957, 89.8702, -13.1766



63.2664, -6.0184, 37.6632



31.9179, 2.0107, 0.2013



29.2983, 53.7345, -8.6672



6.1915, 11.5324, -3.2024

Previews

White Background



This preview shows how the HunterLab color 47.9927, -9.9470, -35.1193 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 47.9927, -9.9470, -35.1193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

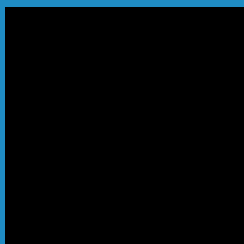
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

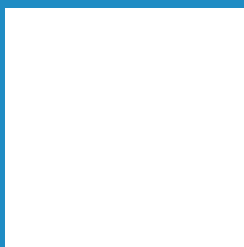
Any Text WCAG AAA × Fail

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

HunterLab 47.9927, -9.9470, -35.1193 Background



This preview shows how black text looks on a background with the HunterLab color 47.9927, -9.9470, -35.1193.

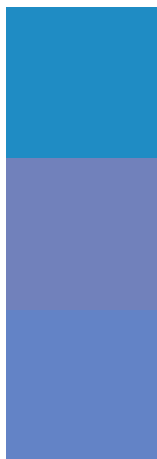


This preview shows how white text looks on a background with the HunterLab color 47.9927, -9.9470, -35.1193.

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

47.9927, -9.9470, -35.1193

Protanopia

47.7484, 4.7773, -28.8718

Deuteranopia

47.9192, 3.5116, -36.5146



Tritanopia

47.9501, -22.9931, -10.2980

Trichromacy



Original Color

47.9927, -9.9470, -35.1193

Protanomaly

47.2565, -2.4356, -32.0436

Deuteranomaly

47.4734, -2.5123, -36.7626

Tritanomaly

47.9144, -18.7977, -18.4796

Monochromacy



Original Color

47.9927, -9.9470, -35.1193

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

42.5022, -8.1350, -10.7603

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9927, -9.9470, -35.1193 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(31, 140, 196)` looks like.

```
.text, #text, p{  
    color:rgb(31, 140, 196)  
}
```

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(31, 140, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 140, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9927, -9.9470, -35.1193 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(31, 140, 196) }
```


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

```
.border{ border-color:rgb(31, 140, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 140, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 140, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 140, 196);  
box-shadow:4px 4px 4px 4px rgb(31, 140,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.9927, -9.9470, -35.1193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 140, 196) }
```

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

```
.background{ background-color: rgb(31, 140,  
196) }
```

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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