

Converting Colors

HunterLab(44.9324, -4.2022,
-27.9647)

Have a look what the booklet for
HunterLab(44.9324, -4.2022,
-27.9647) contains.

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Color

HunterLab(44.9324, -4.2022,
-27.9647)

Conversions

Conversions Part 1

Format	Color
Hex	4C80B2
RGB	76, 128, 178
RGB Percent	30%, 50%, 70%
CMY	0.7019, 0.4980, 0.3020
CMYK	0.57, 0.28, 0.00, 0.30
HSL	209°, 40%, 50%
HSV	209°, 57%, 70%
XYZ	18.7356, 20.1892, 45.0289
YIQ	118.1520, -47.0420, 4.5260

Conversions

Conversions Part 2

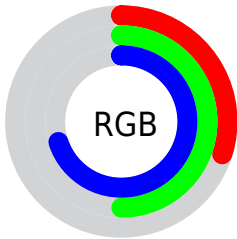
Format	Color
R_{YB}	76, 110, 178
Decimal	5013682
CIE _{Lab}	52.05, -2.33, -31.68
CIE _{LCh}	52, 31.764, 265.794
Yxy	20.1899, 0.2232, 0.2405
Android (android.graphics.Color)	4283203762 (0xFF4C80B2)
YUV	118.1520, 29.5051, -36.9673
Hunter-Lab	44.9324, -4.2022, -27.9647

Details

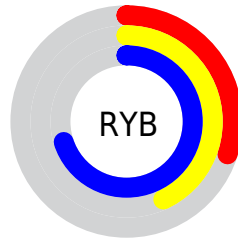
The HunterLab color $44.9324, -4.2022, -27.9647$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $49.9096, 9.6746, 22.7998$, and the grayscale version is $42.5258, -2.2691, 2.3105$.

A 20% lighter version of the original color is $66.2524, -5.7718, -28.9382$, and $26.6066, -2.8855, -26.8912$ is the 20% darker color. If you saturate the color by 10%, you get $41.6888, -2.6385, -34.2608$, and if you desaturate by 10%, it is $48.3712, -5.1659, -21.9119$.

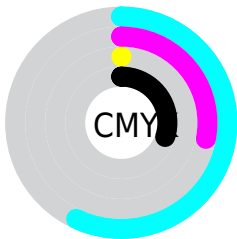
Distribution



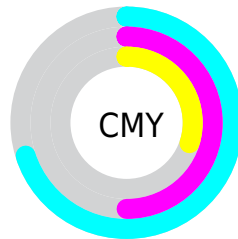
- Red (30%)
- Green (50%)
- Blue (70%)



- Red (30%)
- Yellow (43%)
- Blue (70%)



- Cyan (57%)
- Magenta (28%)
- Yellow (0%)
- Black (30%)



- Cyan (70%)
- Magenta (50%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 44.9324, -4.2022, -27.9647 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 44.9324, -4.2022, -27.9647 by changing the saturation by 10% instead.

■ 44.9324, -4.2022,
-27.9647

■ 44.9324, -4.2022,
-27.9647

159.0413,
-11.2535, -31.4730

■ 35.4022, -3.5531,
-27.3661

■ 66.1327, -5.5859,
-29.0905

■ 26.6606, -2.9333,
-26.8030

■ 77.7128, -6.3192,
-29.5872

■ 18.7874, -2.3426,
-26.3949

■ 89.8996, -7.0792,
-30.0318

■ 11.8916, -1.7791,
-26.4749

■ 102.6642, -7.8650,
-30.4233

■ 4.7654, -2.3849,
-38.6064

■ 115.9815, -8.6760,
-30.7618

0.0000, NaN, -NF

0.0000, NaN, -NF

129.8296, -9.5115,

-31.0486

0.0000, NaN, NaN

144.1887,
-10.3709, -31.2851

0.0000, NaN, NaN

■ 44.9324, -4.2022,
-27.9647

■ 44.9324, -4.2022,
-27.9647

■ 41.6888, -2.6385,
-34.2608

■ 48.3712, -5.1659,
-21.9119

■ 38.6583, -0.4122,
-40.7851

■ 51.9836, -5.5981,
-16.1060

■ 35.8612, 2.5207,
-47.4960

■ 55.7527, -5.5647,
-10.5351

■ 33.3039, 6.1377,
-54.3557

■ 59.6632, -5.1258,
-5.1820

■ 32.6387, 7.1711,
-56.2759

■ 63.7015, -4.3342,
-0.0263

■ 67.8560, -3.2358,
4.9531

■ 72.1164, -1.8694,
9.7764

■ 76.4739, -0.2683,
14.4628

■ 80.9211, 1.5396,
19.0294

Harmonies

Analogous

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



44.9332, -15.4921, -21.7253



44.9324, -4.2022, -27.9647



44.9332, 8.8920, -24.3559

Triad

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



44.9332, -4.2021, -27.9637



44.9332, 22.1427, 11.5368



44.9332, -21.1019, 13.7765

Complementary

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



44.9324, -4.2022, -27.9647



49.9096, 9.6746, 22.7998

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.



44.9332, -12.6763, 18.9071



44.9324, -4.2022, -27.9647



44.9332, 12.3873, 17.8927

Square

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



44.9332, -4.2021, -27.9637



44.9332, 25.0622, 0.6833



44.9332, -0.5689, 20.1684



44.9332, -24.5273, 4.1398

Rectangle

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



44.9324, -4.2022, -27.9647



44.9332, 16.7664, -17.2760



44.9332, -0.5689, 20.1684



44.9332, -18.8102, 15.9665

Sweetspot

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



44.9332, -4.2021, -27.9637



80.3480, -6.9020, -6.9736



59.0476, -34.9459, 16.1894



37.3222, -3.3225, -3.9430



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



44.9332, -4.2021, -27.9637



54.9280, -2.7807, -48.6492



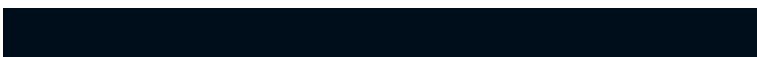
31.8717, 21.0664, -58.3465



29.8705, -2.1476, -0.5007



27.8361, 5.6271, -46.9399



6.0017, -0.8420, -5.6840

Inverse Universe

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



40.2408, 39.7704, -4.5980



49.1010, 64.5933, -5.2982



64.1527, -14.1887, 32.9622



29.2834, 1.6097, 0.7242



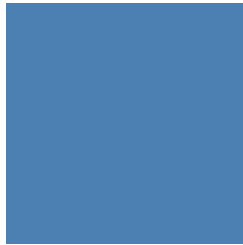
27.0598, 48.3734, 1.7290



4.9208, 9.0175, -1.3977

Previews

White Background



This preview shows how the HunterLab color 44.9324, -4.2022, -27.9647 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 44.9324, -4.2022, -27.9647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

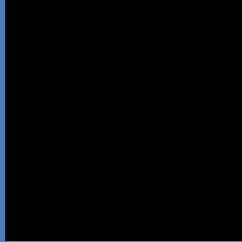
Any Text WCAG AA ✓ Pass

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 44.9324, -4.2022, -27.9647 Background



This preview shows how black text looks on a background with the HunterLab color 44.9324, -4.2022, -27.9647.

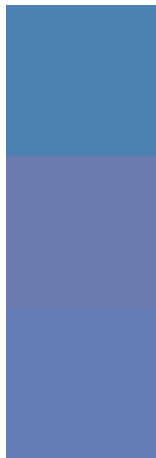


This preview shows how white text looks on a background with the HunterLab color 44.9324, -4.2022, -27.9647.

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

44.9324, -4.2022, -27.9647

Protanopia

44.8602, 3.8077, -24.5429

Deuteranopia

44.9303, 3.1584, -28.5370



Tritanopia

44.8902, -16.1852, -8.0033

Trichromacy



Original Color

44.9324, -4.2022, -27.9647

Protanomaly

44.7183, 0.6556, -26.2067

Deuteranomaly

44.9413, 0.3286, -28.5659

Tritanomaly

44.9063, -12.1213, -14.6566

Monochromacy



Original Color

44.9324, -4.2022, -27.9647

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

43.2390, -4.3050, -7.4529

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 44.9324, -4.2022, -27.9647 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(76, 128, 178)` looks like.

```
.text, #text, p{  
    color:rgb(76, 128, 178)  
}
```

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(76, 128, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 128, 178) }
```

Border

The CSS property to change the border of an element to HunterLab 44.9324, -4.2022, -27.9647 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(76, 128, 178) }
```


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

```
.border{ border-color:rgb(76, 128, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 128, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 128, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 128, 178);  
box-shadow:4px 4px 4px 4px rgb(76, 128,  
178) }
```

Background

The CSS property to change the background color of an element to HunterLab 44.9324, -4.2022, -27.9647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 128, 178) }
```

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

```
.background{ background-color: rgb(76, 128,  
178) }
```

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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