

Converting Colors

HunterLab(47.9562, -13.0921,
-24.0638)

Have a look what the booklet for
HunterLab(47.9562, -13.0921,
-24.0638) contains.

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Color

**HunterLab(47.9562,
-13.0921, -24.0638)**

Conversions

Conversions Part 1

Format	Color
Hex	318DB4
RGB	49, 141, 180
RGB Percent	19%, 55%, 71%
CMY	0.8078, 0.4471, 0.2941
CMYK	0.73, 0.22, 0.00, 0.29
HSL	198°, 57%, 45%
HSV	198°, 73%, 71%
XYZ	19.0297, 22.9980, 46.6161
YIQ	117.9380, -67.3510, -7.3750

Conversions

Conversions Part 2

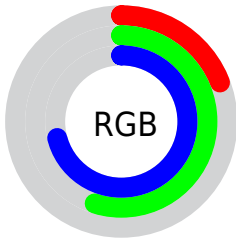
Format	Color
R_{YB}	49, 103, 180
Decimal	3247540
CIE _{Lab}	55.07, -13.83, -28.20
CIE _{LCh}	55, 31.411, 243.875
Yxy	22.9988, 0.2147, 0.2594
Android (android.graphics.Color)	4281437620 (0xFF318DB4)
YUV	117.9380, 30.5966, -60.4586
Hunter-Lab	47.9562, -13.0921, -24.0638

Details

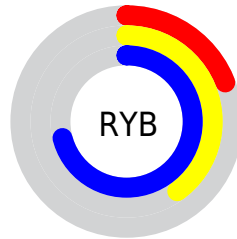
The HunterLab color **47.9562, -13.0921, -24.0638** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **41.1167, 27.3201, 21.6229**, and the grayscale version is **42.4449, -2.2648, 2.3061**.

A 20% lighter version of the original color is **69.6643, -15.9938, -24.8924**, and **30.0241, -7.5259, -21.2813** is the 20% darker color. If you saturate the color by 10%, you get **45.9289, -12.1391, -27.6533**, and if you desaturate by 10%, it is **50.1578, -13.4400, -20.3705**.

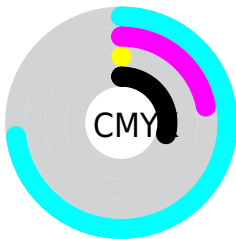
Distribution



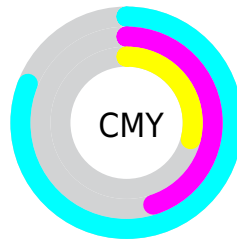
- Red (19%)
- Green (55%)
- Blue (71%)



- Red (19%)
- Yellow (40%)
- Blue (71%)



- Cyan (73%)
- Magenta (22%)
- Yellow (0%)
- Black (29%)



- Cyan (81%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9562, -13.0921, -24.0638 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 47.9562, -13.0921, -24.0638 by changing the saturation by 10% instead.

47.9562, -13.0921,
-24.0638

47.9562, -13.0921,
-24.0638

163.6211,
-25.0016, -26.6527

38.2003, -11.7288,
-23.5171

69.5639, -15.7563,
-25.0174

29.2130, -10.3277,
-22.9536

81.3305, -17.0734,
-25.4126

21.0677, -8.8654,
-22.4340

93.6946, -18.3872,
-25.7514

13.8627, -7.3006,
-22.1256

106.6286,
-19.7012, -26.0350

7.4927, -8.4439,
-23.6971

120.1084,
-21.0178, -26.2649

0.0000, NaN, -NF

134.1127,

0.0000, NaN, -NF

-22.3392, -26.4431

0.0000, NaN, NaN

148.6227,
-23.6667, -26.5717

0.0000, NaN, NaN

■ 47.9562, -13.0921,
-24.0638

■ 47.9562, -13.0921,
-24.0638

■ 45.9289, -12.1391,
-27.6533

■ 50.1578, -13.4400,
-20.3705

■ 44.0702, -10.5964,
-31.1226

■ 52.5287, -13.1963,
-16.6016

■ 42.8046, -9.2213,
-33.5959

■ 55.0636, -12.3910,
-12.7818

■ 57.7547, -11.0638,
-8.9338

■ 60.5931, -9.2590,
-5.0767

■ 63.5698, -7.0218,
-1.2249

■ 66.6755, -4.3962,
2.6108

■ 69.9017, -1.4229,
6.4229

■ 73.2399, 1.8607,
10.2068

Harmonies

Analogous

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



47.9570, -21.6223, -12.6465



47.9562, -13.0921, -24.0638



47.9570, -0.8582, -27.7367

Triad

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



47.9570, -13.0919, -24.0629



47.9570, 25.0510, 4.1918



47.9570, -15.7296, 18.4690

Complementary

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



47.9562, -13.0921, -24.0638



41.1167, 27.3201, 21.6229

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.



47.9570, -4.2412, 20.8072



47.9562, -13.0921, -24.0638



47.9570, 20.0374, 14.0752

Square

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



47.9570, -13.0919, -24.0629



47.9570, 22.0419, -9.1009



47.9570, 8.9642, 19.4442



47.9570, -23.0273, 11.9552

Rectangle

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



47.9562, -13.0921, -24.0638



47.9570, 7.9948, -24.6627



47.9570, 8.9642, 19.4442



47.9570, -12.2769, 19.6771

Sweetspot

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



47.9570, -13.0919, -24.0629



81.7473, -12.3588, -6.6299



58.2837, -42.9705, 26.1793



37.5230, -6.0762, -3.7237



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.



47.9570, -13.0919, -24.0629



60.3879, -15.2525, -39.9274



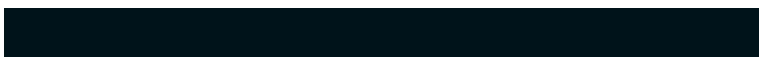
30.5139, 17.8895, -64.7859



30.3245, -2.8883, 0.0487



35.9293, -7.9571, -27.7314



7.0852, -2.4294, -3.6116

Inverse Universe

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



37.1805, 53.6563, -16.3356



46.4733, 80.8732, -20.9281



56.7963, -3.4008, 31.9038



29.3304, 1.8623, 0.0546



28.0059, 51.7851, -11.5472



5.0642, 9.5290, -3.3666

Previews

White Background



This preview shows how the HunterLab color 47.9562, -13.0921, -24.0638 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 47.9562, -13.0921, -24.0638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

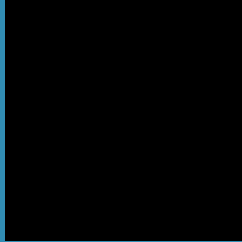
Any Text WCAG AA ✓ Pass

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 47.9562, -13.0921, -24.0638 Background



This preview shows how black text looks on a background with the HunterLab color 47.9562, -13.0921, -24.0638.



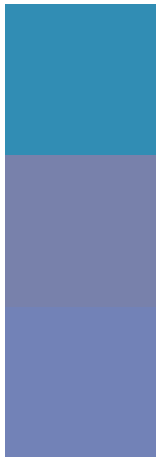
This preview shows how white text looks on a background with the HunterLab color 47.9562, -13.0921, -24.0638.

-13.0921, -24.0638.

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

47.9562, -13.0921, -24.0638

Protanopia

47.5751, 2.8388, -18.6501

Deuteranopia

47.9182, 3.5685, -25.8420



Tritanopia

47.9178, -21.4728, -10.3178

Trichromacy



Original Color

47.9562, -13.0921, -24.0638

Protanomaly

47.1283, -4.2861, -21.4129

Deuteranomaly

47.5408, -3.6535, -25.9629

Tritanomaly

48.0171, -18.8719, -14.6969

Monochromacy



Original Color

47.9562, -13.0921, -24.0638

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

43.7858, -8.2074, -7.2853

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9562, -13.0921, -24.0638 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(49, 141, 180)` looks like.

```
.text, #text, p{  
    color:rgb(49, 141, 180)  
}
```

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(49, 141, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 141, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9562, -13.0921, -24.0638 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(49, 141, 180) }
```


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

```
.border{ border-color:rgb(49, 141, 180) }
```

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

Here you see how a box with a 4 pixel rgb(49, 141, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 141, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 141, 180);  
box-shadow:4px 4px 4px 4px rgb(49, 141,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.9562, -13.0921, -24.0638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 141, 180) }
```

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

```
.background{ background-color: rgb(49, 141,  
180) }
```

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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