

Converting Colors

HunterLab(49.9664, -12.3906,
-29.9740)

Have a look what the booklet for
HunterLab(49.9664, -12.3906,
-29.9740) contains.

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Color

**HunterLab(49.9664,
-12.3752, -29.9903)**

Conversions

Conversions Part 1

Format	Color
Hex	2B92C2
RGB	43, 146, 194
RGB Percent	17%, 57%, 76%
CMY	0.8313, 0.4274, 0.2392
CMYK	0.78, 0.25, 0.00, 0.24
HSL	199°, 64%, 46%
HSV	199°, 78%, 76%
XYZ	21.0128, 24.9664, 54.7505
YIQ	120.6750, -76.7960, -6.9080

Conversions

Conversions Part 2

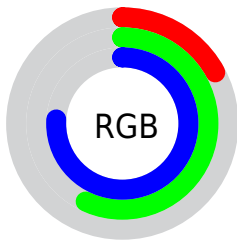
Format	Color
R_{YB}	43, 104, 194
Decimal	2855618
CIE _{Lab}	57.04, -12.51, -33.10
CIE _{LCh}	57, 35.387, 249.304
Yxy	24.9673, 0.2086, 0.2479
Android (android.graphics.Color)	4281045698 (0xFF2B92C2)
YUV	120.6750, 36.1492, -68.1210
Hunter-Lab	49.9664, -12.3752, -29.9903

Details

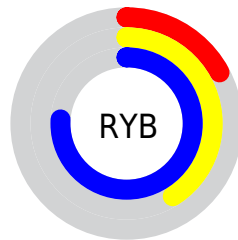
The HunterLab color **49.9664, -12.3752, -29.9903** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **43.7356, 31.3190, 24.3981**, and the grayscale version is **43.4877, -2.3204, 2.3628**.

A 20% lighter version of the original color is **71.8701, -14.9463, -31.2672**, and **32.0300, -6.3617, -26.3017** is the 20% darker color. If you saturate the color by 10%, you get **47.7414, -10.7917, -34.1568**, and if you desaturate by 10%, it is **52.3870, -13.2883, -25.7169**.

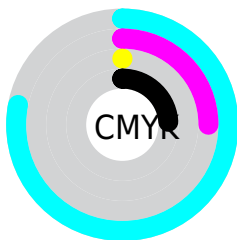
Distribution



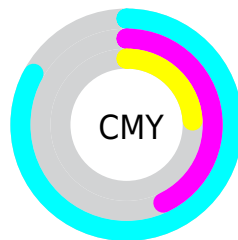
- Red (17%)
- Green (57%)
- Blue (76%)



- Red (17%)
- Yellow (41%)
- Blue (76%)



- Cyan (78%)
- Magenta (25%)
- Yellow (0%)
- Black (24%)



- Cyan (83%)
- Magenta (43%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9664, -12.3752, -29.9903 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 49.9664, -12.3752, -29.9903 by changing the saturation by 10% instead.

■ 49.9664, -12.3752,
-29.9903

■ 49.9664, -12.3752,
-29.9903

166.6358,
-23.7259, -33.5844

■ 40.0658, -11.0997,
-29.3786

■ 71.8360, -14.8864,
-31.1306

■ 30.9216, -9.7979,
-28.7864

■ 83.7229, -16.1355,
-31.6343

■ 22.6034, -8.4511,
-28.3015

■ 96.2014, -17.3856,
-32.0870

■ 15.2035, -7.0274,
-28.1477

■ 109.2449,
-18.6394, -32.4876

■ 8.8304, -6.6429,
-29.1261

■ 122.8298,
-19.8990, -32.8365

0.0000, NaN, -NF

0.0000, NaN, -NF

136.9353,

-21.1658, -33.1347

0.0000, NaN, NaN

151.5428,
-22.4412, -33.3835

0.0000, NaN, NaN

■ 49.9664, -12.3752,
-29.9903

■ 49.9664, -12.3752,
-29.9903

■ 47.7414, -10.7917,
-34.1568

■ 52.3870, -13.2883,
-25.7169

■ 45.6953, -8.6001,
-38.2174

■ 54.9992, -13.5358,
-21.3680

■ 45.2624, -8.0906,
-39.1087

■ 57.7976, -13.1455,
-16.9729

■ 60.7731, -12.1600,
-12.5587

■ 63.9156, -10.6285,
-8.1474

■ 67.2142, -8.6025,
-3.7557

■ 70.6583, -6.1323,
0.6043

■ 74.2378, -3.2651,
4.9251

■ 77.9430, -0.0441,
9.2024

Harmonies

Analogous

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



49.9673, -22.9195, -17.7520



49.9664, -12.3752, -29.9903



49.9673, 2.0371, -32.2428

Triad

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



49.9673, -12.3748, -29.9893



49.9673, 28.7842, 6.9194



49.9673, -19.5168, 19.5174

Complementary

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



49.9664, -12.3752, -29.9903



43.7356, 31.3190, 24.3981

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.



49.9673, -7.2068, 22.8008



49.9664, -12.3752, -29.9903



49.9673, 21.4292, 17.0603

Square

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



49.9673, -12.3748, -29.9893



49.9673, 26.9813, -7.8758



49.9673, 7.8398, 22.0565



49.9673, -26.6958, 11.4069

Rectangle

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



49.9664, -12.3752, -29.9903



49.9673, 12.1056, -27.2770



49.9673, 7.8398, 22.0565



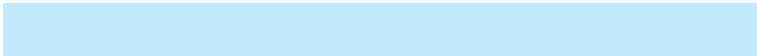
49.9673, -15.9039, 21.0963

Sweetspot

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



49.9673, -12.3748, -29.9893



87.9877, -13.1668, -8.3232



63.1270, -47.7848, 28.8031



40.4179, -6.6059, -4.9155

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.9673, -12.3748, -29.9893



62.4093, -12.6321, -49.6128



29.7935, 25.5575, -82.7642



32.9711, -3.0748, -0.0301



36.9083, -6.8785, -31.2835



8.4150, -2.5218, -5.0743

Inverse Universe

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



39.0813, 60.8705, -16.1098



49.4050, 88.9029, -18.4301



62.4762, -5.3953, 36.2330



31.9238, 2.0420, 0.1182



29.4235, 54.1836, -10.4054



6.2139, 11.6122, -3.5089

Previews

White Background



This preview shows how the HunterLab color 49.9664, -12.3752, -29.9903 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 49.9664, -12.3752, -29.9903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

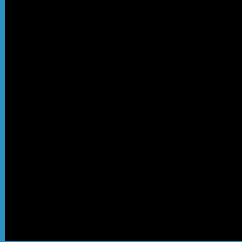
Any Text WCAG AA ✓ Pass

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 49.9664, -12.3752, -29.9903 Background



This preview shows how black text looks on a background with the HunterLab color 49.9664, -12.3752, -29.9903.



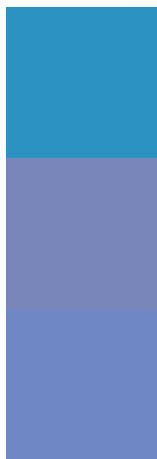
This preview shows how white text looks on a background with the HunterLab color 49.9664, -12.3752, -29.9903.

-12.3752, -29.9903.

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

49.9664, -12.3752, -29.9903

Protanopia

49.6165, 3.7127, -24.2093

Deuteranopia

49.8035, 3.9660, -32.1269



Tritanopia

49.7771, -23.7187, -11.0152

Trichromacy



Original Color

49.9664, -12.3752, -29.9903

Protanomaly

49.1273, -3.5678, -27.2093

Deuteranomaly

49.4742, -3.1395, -32.1552

Tritanomaly

49.6599, -20.0440, -17.5606

Monochromacy



Original Color

49.9664, -12.3752, -29.9903

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

45.2002, -8.6399, -9.0496

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9664, -12.3752, -29.9903 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(43, 146, 194)` looks like.

```
.text, #text, p{  
    color:rgb(43, 146, 194)  
}
```

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(43, 146, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 146, 194) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9664, -12.3752, -29.9903 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(43, 146, 194) }
```


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

```
.border{ border-color:rgb(43, 146, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 146, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 146, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 146, 194);  
box-shadow:4px 4px 4px 4px rgb(43, 146,  
194) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9664, -12.3752, -29.9903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 146, 194) }
```

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

```
.background{ background-color: rgb(43, 146,  
194) }
```

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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