

Converting Colors

HunterLab(49.7764, -9.2806,
-25.4700)

Have a look what the booklet for
HunterLab(49.7764, -9.2806,
-25.4700) contains.

HunterLab(49.7279, -9.1533, -25.5721)	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(49.7279, -9.1533,
-25.5721)

Conversions

Conversions Part 1

Format	Color
Hex	4B8FBB
RGB	75, 143, 187
RGB Percent	29%, 56%, 73%
CMY	0.7059, 0.4392, 0.2667
CMYK	0.60, 0.24, 0.00, 0.27
HSL	204°, 45%, 51%
HSV	204°, 60%, 73%
XYZ	21.6938, 24.7286, 50.6435
YIQ	127.6840, -54.6520, -0.7320

Conversions

Conversions Part 2

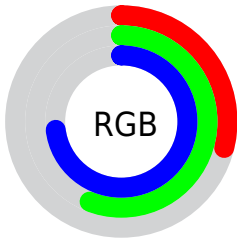
Format	Color
R_{YB}	75, 117, 187
Decimal	4951995
CIE _{Lab}	56.81, -8.27, -29.42
CIE _{LCh}	57, 30.565, 254.297
Yxy	24.7295, 0.2235, 0.2548
Android (android.graphics.Color)	4283142075 (0xFF4B8FBB)
YUV	127.6840, 29.2428, -46.2039
Hunter-Lab	49.7279, -9.1533, -25.5721

Details

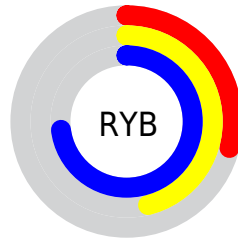
The HunterLab color $49.7279, -9.1533, -25.5721$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $49.2623, 16.5570, 22.6322$, and the grayscale version is $46.2423, -2.4674, 2.5124$.

A 20% lighter version of the original color is $71.6869, -11.3685, -26.1564$, and $30.9030, -6.6151, -24.3458$ is the 20% darker color. If you saturate the color by 10%, you get $46.8497, -8.1728, -30.7728$, and if you desaturate by 10%, it is $52.7979, -9.5062, -20.4277$.

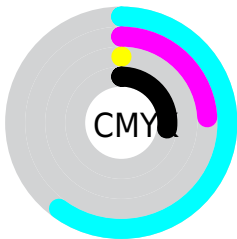
Distribution



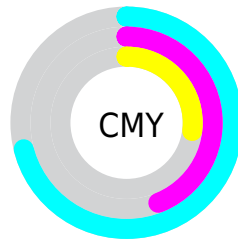
- Red (29%)
- Green (56%)
- Blue (73%)



- Red (29%)
- Yellow (46%)
- Blue (73%)



- Cyan (60%)
- Magenta (24%)
- Yellow (0%)
- Black (27%)



- Cyan (71%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7279, -9.1533, -25.5721 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 49.7279, -9.1533, -25.5721 by changing the saturation by 10% instead.

■ 49.7279, -9.1533,
-25.5721

■ 49.7279, -9.1533,
-25.5721

166.2794,
-18.7402, -28.3664

■ 39.8443, -8.1371,
-25.0100

■ 71.5668, -11.2000,
-26.5641

■ 30.7184, -7.1185,
-24.4346

■ 83.4396, -12.2371,
-26.9811

■ 22.4205, -6.0872,
-23.9059

■ 95.9047, -13.2861,
-27.3429

■ 15.0432, -5.0251,
-23.5829

■ 108.9353,
-14.3481, -27.6502

■ 8.6834, -4.6149,
-24.1238

■ 122.5078,
-15.4240, -27.9043

0.0000, NaN, -NF

0.0000, NaN, -NF

136.6014,

-16.5144, -28.1072

0.0000, NaN, NaN

151.1975,
-17.6197, -28.2606

0.0000, NaN, NaN

■ 49.7279, -9.1533,
-25.5721

■ 49.7279, -9.1533,
-25.5721

■ 46.8497, -8.1728,
-30.7728

■ 52.7979, -9.5062,
-20.4277

■ 44.1719, -6.5256,
-36.0009

■ 56.0439, -9.2836,
-15.3658

■ 41.7025, -4.1978,
-41.2185

■ 59.4534, -8.5417,
-10.3997

■ 39.4174, -1.2965,
-46.4507

■ 63.0132, -7.3362,
-5.5363

■ 39.3927, -1.2636,
-46.5096

■ 66.7114, -5.7191,
-0.7770

■ 70.5366, -3.7378,
3.8807

■ 74.4787, -1.4344,
8.4419

■ 78.5288, 1.1540,
12.9131

■ 82.6788, 3.9956,
17.3017

Harmonies

Analogous

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



49.7288, -19.0975, -16.6117



49.7279, -9.1533, -25.5721



49.7288, 3.5789, -25.7982

Triad

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



49.7288, -9.1532, -25.5711



49.7288, 23.5555, 8.1564



49.7288, -18.7268, 16.7351

Complementary

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



49.7279, -9.1533, -25.5721



49.2623, 16.5570, 22.6322

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.



49.7288, -8.5982, 20.4901



49.7279, -9.1533, -25.5721



49.7288, 16.2449, 16.4563

Square

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



49.7288, -9.1532, -25.5711



49.7288, 23.3682, -4.0669



49.7288, 4.1928, 20.4030



49.7288, -24.2308, 8.6442

Rectangle

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



49.7279, -9.1533, -25.5721



49.7288, 12.0100, -20.8224



49.7288, 4.1928, 20.4030



49.7288, -15.7977, 18.4434

Sweetspot

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



49.7288, -9.1532, -25.5711



85.1084, -9.5070, -6.3812



61.9223, -39.3565, 21.0749



39.2711, -4.7234, -3.8789



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



49.7288, -9.1532, -25.5711



61.4941, -10.3158, -43.4716



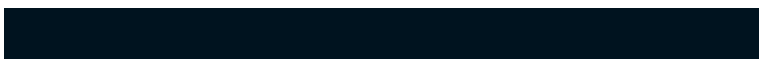
34.7495, 18.1276, -58.4865



31.8796, -2.6788, -0.2511



32.9175, -1.4165, -38.0862



7.4056, -1.6823, -5.6247

Inverse Universe

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



41.9298, 45.6871, -10.1102



51.0691, 72.7184, -13.5869



64.2806, -10.0588, 33.2925



31.0339, 1.8673, 0.4003



28.5019, 51.7725, -4.5453



5.7509, 10.6412, -2.4290

Previews

White Background



This preview shows how the HunterLab color 49.7279, -9.1533, -25.5721 looks on a white background.

Color Contrast Check

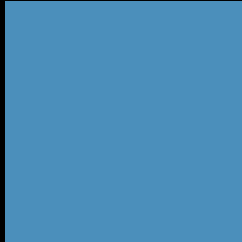
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.7279, -9.1533, -25.5721 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 49.7279, -9.1533, -25.5721 Background



This preview shows how black text looks on a background with the HunterLab color 49.7279, -9.1533, -25.5721.

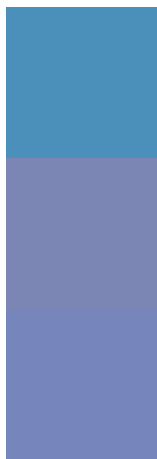


This preview shows how white text looks on a background with the HunterLab color 49.7279, -9.1533, -25.5721.

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

49.7279, -9.1533, -25.5721

Protanopia

49.5545, 3.0861, -21.0740

Deuteranopia

49.5741, 3.9162, -26.9639



Tritanopia

49.7741, -19.0208, -9.2784

Trichromacy



Original Color

49.7279, -9.1533, -25.5721

Protanomaly

49.3704, -1.6620, -23.4082

Deuteranomaly

49.3426, -1.3287, -26.7869

Tritanomaly

49.6521, -15.5327, -15.0887

Monochromacy



Original Color

49.7279, -9.1533, -25.5721

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

47.1128, -6.2210, -6.8612

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7279, -9.1533, -25.5721 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(75, 143, 187)` looks like.

```
.text, #text, p{  
    color:rgb(75, 143, 187)  
}
```

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(75, 143, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 143, 187) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7279, -9.1533, -25.5721 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(75, 143, 187) }
```


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

```
.border{ border-color:rgb(75, 143, 187) }
```

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

Here you see how a box with a 4 pixel rgb(75, 143, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 143, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 143, 187);  
box-shadow:4px 4px 4px 4px rgb(75, 143,  
187) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7279, -9.1533, -25.5721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 143, 187) }
```

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

```
.background{ background-color: rgb(75, 143,  
187) }
```

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