

Converting Colors

HunterLab(49.6578, -24.2588,
-8.4787)

Have a look what the booklet for
HunterLab(49.6578, -24.2588,
-8.4787) contains.

HunterLab(49.7112, -24.3294, -8.3750)	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(49.7112,
-24.3294, -8.3750)**

Conversions

Conversions Part 1

Format	Color
Hex	10979E
RGB	16, 151, 158
RGB Percent	6%, 59%, 62%
CMY	0.9372, 0.4078, 0.3804
CMYK	0.90, 0.04, 0.00, 0.38
HSL	183°, 82%, 34%
HSV	183°, 90%, 62%
XYZ	17.4519, 24.7120, 36.1979
YIQ	111.4330, -82.7070, -26.4430

Conversions

Conversions Part 2

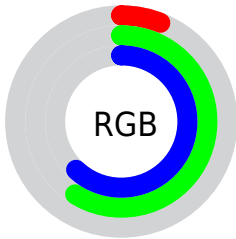
Format	Color
R_{YB}	16, 85, 158
Decimal	1087390
CIE _{Lab}	56.79, -29.58, -13.04
CIE _{LCh}	57, 32.326, 203.794
Yxy	24.7129, 0.2227, 0.3154
Android (android.graphics.Color)	4279277470 (0xFF10979E)
YUV	111.4330, 22.9575, -83.6947
Hunter-Lab	49.7112, -24.3294, -8.3750

Details

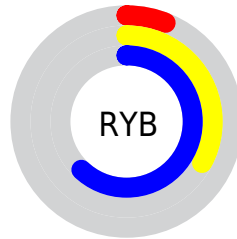
The HunterLab color **49.7112, -24.3294, -8.3750** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **28.1429, 42.7258, 17.0551**, and the grayscale version is **39.9761, -2.1330, 2.1720**.

A 20% lighter version of the original color is **71.6796, -28.8154, -8.4058**, and **31.5994, -15.1036, -6.8922** is the 20% darker color. If you saturate the color by 10%, you get **49.3499, -24.4517, -8.8828**, and if you desaturate by 10%, it is **50.1581, -23.8812, -7.7486**.

Distribution



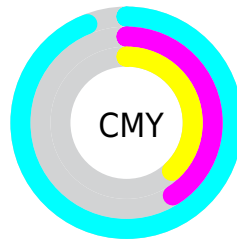
- Red (6%)
- Green (59%)
- Blue (62%)



- Red (6%)
- Yellow (33%)
- Blue (62%)



- Cyan (90%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (94%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7112, -24.3294, -8.3750 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 49.7112, -24.3294, -8.3750 by changing the saturation by 10% instead.

49.7112, -24.3294,
-8.3750

49.7112, -24.3294,
-8.3750

166.2544,
-43.0668, -6.6176

39.8288, -21.9478,
-8.2884

71.5480, -28.8091,
-8.3469

30.7042, -19.4269,
-8.1279

83.4197, -30.9495,
-8.2443

22.4077, -16.7092,
-7.8870

95.8839, -33.0423,
-8.0882

15.0320, -13.6961,
-7.5649

108.9136,
-35.0971, -7.8823

8.6730, -15.1778,
-7.2722

122.4853,
-37.1216, -7.6298

0.0000, NaN, -NF

0.0000, NaN, NaN

136.5781,

-39.1217, -7.3333

0.0000, NaN, NaN

151.1734,
-41.1021, -6.9952

0.0000, NaN, NaN

■ 49.7112, -24.3294,
-8.3750

■ 49.7112, -24.3294,
-8.3750

■ 49.3499, -24.4517,
-8.8828

■ 50.1581, -23.8812,
-7.7486

■ 49.3450, -24.4531,
-8.8897

■ 50.7213, -22.9806,
-6.9611

■ 51.4129, -21.5927,
-6.0021

■ 52.2403, -19.7014,
-4.8683

■ 53.2080, -17.3058,
-3.5623

■ 54.3182, -14.4180,
-2.0909

■ 55.5710, -11.0602,
-0.4642

■ 56.9646, -7.2622,
1.3054

■ 58.4962, -3.0589,
3.2042

Harmonies

Analogous

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



49.7121, -26.0066, 5.3127



49.7112, -24.3294, -8.3750



49.7121, -17.1351, -21.7497

Triad

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



49.7121, -24.3294, -8.3743



49.7121, 20.1760, -14.2832



49.7121, 0.1943, 21.5847

Complementary

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



49.7112, -24.3294, -8.3750



28.1429, 42.7258, 17.0551

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.



49.7121, 13.6988, 18.8447



49.7112, -24.3294, -8.3750



49.7121, 26.0047, -0.0500

Square

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



49.7121, -24.3294, -8.3743



49.7121, 8.3051, -25.7512



49.7121, 23.5160, 11.7070



49.7121, -12.7412, 20.4685

Rectangle

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



49.7112, -24.3294, -8.3750



49.7121, -9.7233, -27.4813



49.7121, 23.5160, 11.7070



49.7121, 4.8313, 21.1143

Sweetspot

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



49.7121, -24.3294, -8.3743



73.5748, -18.4288, -2.3243



49.6162, -41.5914, 29.0117



34.6909, -9.3960, -1.4227



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



49.7121, -24.3294, -8.3743



66.4298, -32.8714, -12.0715



29.4204, 5.6917, -46.9622



27.3009, -3.3570, 0.6787



44.1793, -21.9073, -7.9288



6.0358, -3.0848, -0.8851

Inverse Universe

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



31.4242, 57.8897, -34.8657



41.4765, 80.6790, -47.9987



38.6220, 15.5997, 23.3180



25.9787, 1.8787, -0.6937



27.5546, 53.6144, -32.0099



3.7055, 7.2419, -4.5526

Previews

White Background



This preview shows how the HunterLab color 49.7112, -24.3294, -8.3750 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 49.7112, -24.3294, -8.3750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

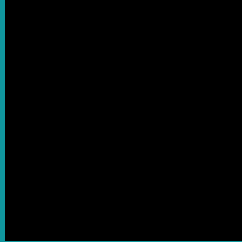
Any Text WCAG AA ✓ Pass

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 49.7112, -24.3294, -8.3750 Background



This preview shows how black text looks on a background with the HunterLab color 49.7112, -24.3294, -8.3750.



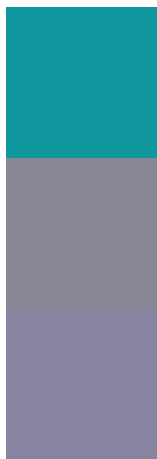
This preview shows how white text looks on a background with the HunterLab color 49.7112, -24.3294, -8.3750.

-24.3294, -8.3750.

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

49.7112, -24.3294, -8.3750

Protanopia

49.5004, -0.9392, -2.5775

Deuteranopia

49.2565, 3.5449, -10.7316



Tritanopia

49.6500, -22.5560, -11.1788

Trichromacy



Original Color

49.7112, -24.3294, -8.3750

Protanomaly

48.4853, -13.3350, -6.1596

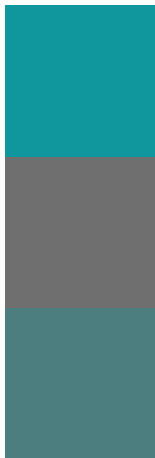
Deuteranomaly

48.2843, -10.2675, -11.8309

Tritanomaly

49.5432, -23.1142, -10.2280

Monochromacy



Original Color

49.7112, -24.3294, -8.3750

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

42.4461, -13.9862, -2.6159

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7112, -24.3294, -8.3750 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(16, 151, 158)` looks like.

```
.text, #text, p{  
    color:rgb(16, 151, 158)  
}
```

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(16, 151, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 151, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7112, -24.3294, -8.3750 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(16, 151, 158) }
```


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

```
.border{ border-color:rgb(16, 151, 158) }
```

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

Here you see how a box with a 4 pixel rgb(16, 151, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 151, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 151, 158);  
box-shadow:4px 4px 4px 4px rgb(16, 151,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7112, -24.3294, -8.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 151, 158) }
```

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

```
.background{ background-color: rgb(16, 151,  
158) }
```

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