

Converting Colors

HunterLab(49.6173, -24.7602,
-7.3661)

Have a look what the booklet for
HunterLab(49.6173, -24.7602,
-7.3661) contains.

HunterLab(49.6424, -24.7365, -7.4087)	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(49.6424,
-24.7365, -7.4087)**

Conversions

Conversions Part 1

Format	Color
Hex	10979C
RGB	16, 151, 156
RGB Percent	6%, 59%, 61%
CMY	0.9372, 0.4078, 0.3882
CMYK	0.90, 0.03, 0.00, 0.39
HSL	182°, 81%, 34%
HSV	182°, 90%, 61%
XYZ	17.2810, 24.6437, 35.2984
YIQ	111.2050, -82.0650, -27.0650

Conversions

Conversions Part 2

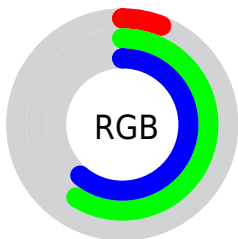
Format	Color
R_{YB}	16, 85, 156
Decimal	1087388
CIE _{Lab}	56.73, -30.22, -12.00
CIE _{LCh}	57, 32.515, 201.659
Yxy	24.6446, 0.2238, 0.3191
Android (android.graphics.Color)	4279277468 (0xFF10979C)
YUV	111.2050, 22.0839, -83.4948
Hunter-Lab	49.6424, -24.7365, -7.4087

Details

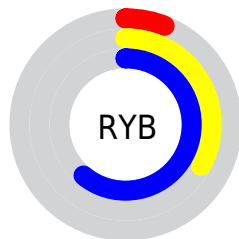
The HunterLab color **49.6424, -24.7365, -7.4087** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **27.6449, 42.4867, 16.7257**, and the grayscale version is **39.8916, -2.1285, 2.1674**.

A 20% lighter version of the original color is **71.5370, -29.5726, -6.9713**, and **31.5335, -15.4931, -5.9689** is the 20% darker color. If you saturate the color by 10%, you get **49.3539, -24.9442, -7.8103**, and if you desaturate by 10%, it is **50.0150, -24.2080, -6.8905**.

Distribution



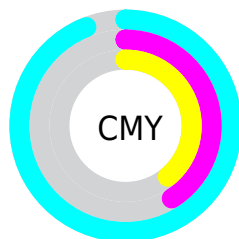
- Red (6%)
- Green (59%)
- Blue (61%)



- Red (6%)
- Yellow (33%)
- Blue (61%)



- Cyan (90%)
- Magenta (3%)
- Yellow (0%)
- Black (39%)



- Cyan (94%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6424, -24.7365, -7.4087 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 49.6424, -24.7365, -7.4087 by changing the saturation by 10% instead.

■ 49.6424, -24.7365,
-7.4087

■ 49.6424, -24.7365,
-7.4087

166.1515,
-43.7619, -5.3169

■ 39.7649, -22.3109,
-7.3643

■ 71.4703, -29.2939,
-7.2990

■ 30.6456, -19.7412,
-7.2464

■ 83.3380, -31.4691,
-7.1572

■ 22.3550, -16.9679,
-7.0473

■ 95.7983, -33.5948,
-6.9631

■ 14.9859, -13.8897,
-6.7627

■ 108.8243,
-35.6808, -6.7202

■ 8.6300, -15.1025,
-6.4988

■ 122.3923,
-37.7349, -6.4316

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 136.4817,

-39.7634, -6.1001

0.0000, NaN, NaN

151.0737,
-41.7710, -5.7278

0.0000, NaN, NaN

■ 49.6424, -24.7365,
-7.4087

■ 49.6424, -24.7365,
-7.4087

■ 49.3539, -24.9442,
-7.8103

■ 50.0150, -24.2080,
-6.8905

■ 49.3463, -24.9490,
-7.8208

■ 50.5016, -23.2351,
-6.2144

■ 51.1144, -21.7826,
-5.3687

■ 51.8611, -19.8332,
-4.3491

■ 52.7467, -17.3850,
-3.1569

■ 53.7736, -14.4486,
-1.7975

■ 54.9425, -11.0451,
-0.2799

■ 56.2520, -7.2035,
1.3844

■ 57.6995, -2.9581,
3.1824

Harmonies

Analogous

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



49.6433, -26.0121, 6.1845



49.6424, -24.7365, -7.4087



49.6433, -17.8858, -21.0985

Triad

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



49.6433, -24.7365, -7.4080



49.6433, 19.6219, -15.3847



49.6433, 1.2079, 21.5819

Complementary

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



49.6424, -24.7365, -7.4087



27.6449, 42.4867, 16.7257

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.



49.6433, 14.6750, 18.5490



49.6424, -24.7365, -7.4087



49.6433, 26.0314, -1.0522

Square

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



49.6433, -24.7365, -7.4080



49.6433, 7.3963, -26.5013



49.6433, 24.1297, 11.0512



49.6433, -11.9588, 20.7374

Rectangle

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



49.6424, -24.7365, -7.4087



49.6433, -10.6322, -27.2647



49.6433, 24.1297, 11.0512



49.6433, 5.8676, 21.0199

Sweetspot

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



49.6433, -24.7365, -7.4080



72.7999, -18.5166, -1.9906



48.9291, -40.9908, 28.5911



33.9308, -9.3192, -1.2204



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



49.6433, -24.7365, -7.4080



66.4552, -33.5652, -10.6056



29.0631, 5.5387, -46.1600



27.3292, -3.4019, 0.7119



44.7976, -22.6580, -7.0810



6.0834, -3.1420, -0.8211

Inverse Universe

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



31.1023, 57.3813, -35.6447



41.0555, 80.0957, -49.3371



38.1212, 15.3127, 22.9947



25.9817, 1.8948, -0.7362



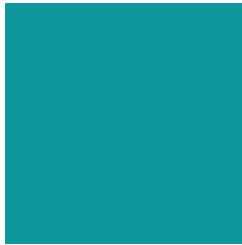
27.6552, 53.9641, -33.3204



3.7133, 7.2691, -4.6545

Previews

White Background



This preview shows how the HunterLab color 49.6424, -24.7365, -7.4087 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 49.6424, -24.7365, -7.4087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

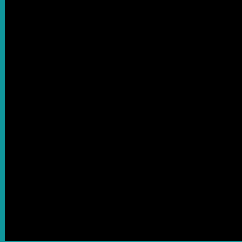
Any Text WCAG AA ✓ Pass

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 49.6424, -24.7365, -7.4087 Background



This preview shows how black text looks on a background with the HunterLab color 49.6424, -24.7365, -7.4087.



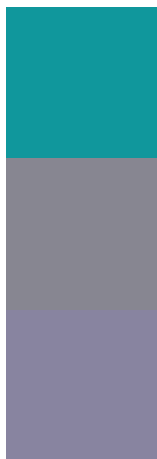
This preview shows how white text looks on a background with the HunterLab color 49.6424, -24.7365, -7.4087.

-24.7365, -7.4087.

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

49.6424, -24.7365, -7.4087

Protanopia

49.2396, -0.5163, -1.9236

Deuteranopia

49.2695, 3.4451, -9.6018



Tritanopia

49.6396, -22.6681, -10.6369

Trichromacy



Original Color

49.6424, -24.7365, -7.4087

Protanomaly

48.1678, -13.0812, -5.5475

Deuteranomaly

48.2118, -10.6768, -10.8170

Tritanomaly

49.5190, -23.2795, -9.7142

Monochromacy



Original Color

49.6424, -24.7365, -7.4087

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

42.4152, -14.1640, -2.1788

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6424, -24.7365, -7.4087 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(16, 151, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 151, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6424, -24.7365, -7.4087 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, 156) }
```


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

```
.border{ border-color:rgb(16, 151, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 151, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 151, 156);  
box-shadow:4px 4px 4px 4px rgb(16, 151,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6424, -24.7365, -7.4087 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, 156) }
```

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

```
.background{ background-color: rgb(16, 151,  
156) }
```

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