

Converting Colors

HunterLab(49.9226, -28.2651,
10.2609)

Have a look what the booklet for
HunterLab(49.9226, -28.2651,
10.2609) contains.

HunterLab(49.7644, -28.1702, 10.1204)	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(49.7644,
-28.1702, 10.1204)**

Conversions

Conversions Part 1

Format	Color
Hex	3E9875
RGB	62, 152, 117
RGB Percent	24%, 60%, 46%
CMY	0.7569, 0.4039, 0.5412
CMYK	0.59, 0.00, 0.23, 0.40
HSL	157°, 42%, 42%
HSV	157°, 59%, 60%
XYZ	16.4257, 24.7650, 20.7440
YIQ	121.1000, -42.4050, -29.9650

Conversions

Conversions Part 2

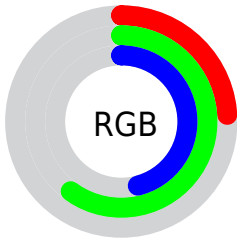
Format	Color
R _{YB}	62, 118, 152
Decimal	4102261
CIE _{Lab}	56.85, -35.49, 10.51
CIE _{LCh}	57, 37.011, 163.495
Yxy	24.7659, 0.2652, 0.3999
Android (android.graphics.Color)	4282292341 (0xFF3E9875)
YUV	121.1000, -2.0213, -51.8307
Hunter-Lab	49.7644, -28.1702, 10.1204

Details

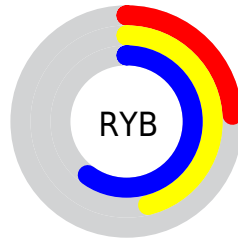
The HunterLab color $[49.7644, -28.1702, 10.1204]$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $[33.1426, 32.6437, 0.7605]$, and the grayscale version is $[43.7859, -2.3363, 2.3790]$.

A 20% lighter version of the original color is $[71.6532, -33.3557, 12.5088]$, and $[30.8934, -21.5259, 7.8541]$ is the 20% darker color. If you saturate the color by 10%, you get $[49.2003, -30.7148, 11.6250]$, and if you desaturate by 10%, it is $[50.4693, -25.0996, 8.6792]$.

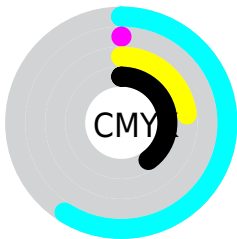
Distribution



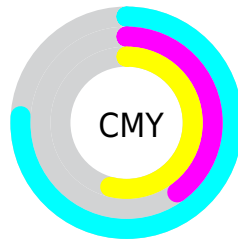
- Red (24%)
- Green (60%)
- Blue (46%)



- Red (24%)
- Yellow (46%)
- Blue (60%)



- Cyan (59%)
- Magenta (0%)
- Yellow (23%)
- Black (40%)



- Cyan (76%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7644, -28.1702, 10.1204 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 49.7644, -28.1702, 10.1204 by changing the saturation by 10% instead.

■ 49.7644, -28.1702,
10.1204

■ 49.7644, -28.1702,
10.1204

166.3341,
-49.5569, 20.6718

■ 39.8783, -25.3876,
8.9614

■ 71.6081, -33.3613,
12.4218

■ 30.7496, -22.4230,
7.7836

■ 83.4830, -35.8223,
13.5742

■ 22.4486, -19.2048,
6.5710

■ 95.9502, -38.2174,
14.7324

■ 15.0678, -15.6115,
5.2945

■ 108.9828,
-40.5591, 15.8987

■ 8.7061, -15.2357,
5.4801

■ 122.5572,
-42.8570, 17.0747

0.0000, NaN, NaN

0.0000, NaN, NaN

136.6527,

-45.1186, 18.2617

0.0000, NaN, NaN

151.2505,
-47.3503, 19.4605

0.0000, NaN, NaN

■ 49.7644, -28.1702,
10.1204

■ 49.7644, -28.1702,
10.1204

■ 49.2003, -30.7148,
11.6250

■ 50.4693, -25.0996,
8.6792

■ 48.7665, -32.7390,
13.1694

■ 51.3165, -21.5104,
7.3192

■ 48.4531, -34.2702,
14.7301

■ 52.3092, -17.4255,
6.0575

■ 48.2304, -35.4196,
16.2669

■ 53.4476, -12.8773,
4.9073

■ 48.2138, -35.5061,
16.3844

■ 54.7300, -7.9056,
3.8787

■ 56.1533, -2.5541,
2.9781

■ 57.7135, 3.1316,
2.2091

■ 59.4053, 9.1066,
1.5723

■ 61.2232, 15.3281,
1.0662

Harmonies

Analogous

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



49.7654, -21.5857, 19.2216



49.7644, -28.1702, 10.1204



49.7654, -28.4894, -4.3852

Triad

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



49.7654, -28.1707, 10.1209



49.7654, 4.5028, -33.5776



49.7654, 20.9053, 18.5605

Complementary

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



49.7644, -28.1702, 10.1204



33.1426, 32.6437, 0.7605

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.



49.7654, 29.8285, 8.8914



49.7644, -28.1702, 10.1204



49.7654, 19.6041, -22.6125

Square

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



49.7654, -28.1707, 10.1209



49.7654, -10.8591, -32.9406



49.7654, 29.3250, -6.0541



49.7654, 6.1112, 22.9708

Rectangle

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



49.7644, -28.1702, 10.1204



49.7654, -25.1888, -15.6520



49.7654, 29.3250, -6.0541



49.7654, 24.7676, 15.9719

Sweetspot

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



49.7654, -28.1707, 10.1209



71.1465, -16.5618, 6.3957



50.4004, -27.5128, 25.2131



33.7122, -8.7103, 3.2373



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



49.7654, -28.1707, 10.1209



65.1637, -41.7325, 16.0907



47.8926, -18.6725, -7.5922



26.4307, -3.8233, 1.8742



44.1548, -32.4687, 14.9008



5.4642, -3.5700, 0.8768

Inverse Universe

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



33.1426, 32.6437, 0.7605



39.8176, 52.2297, 2.9882



33.9563, 25.0650, 13.4043



25.0209, 1.1811, 0.9814



24.2253, 42.6073, 6.9670



3.0748, 5.6191, -0.7526

Previews

White Background



This preview shows how the HunterLab color 49.7644, -28.1702, 10.1204 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 49.7644, -28.1702, 10.1204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

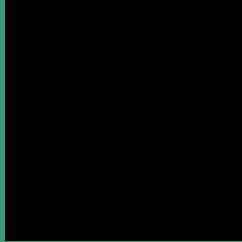
Any Text WCAG AA ✓ Pass

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 49.7644, -28.1702, 10.1204 Background



This preview shows how black text looks on a background with the HunterLab color 49.7644, -28.1702, 10.1204.



This preview shows how white text looks on a background with the HunterLab color 49.7644, -28.1702, 10.1204.

-28.1702, 10.1204.

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

49.7644, -28.1702, 10.1204

Protanopia

49.3572, -3.4639, 12.9735

Deuteranopia

49.5053, 3.3474, 8.5120



Tritanopia

49.5610, -16.7488, -8.4517

Trichromacy



Original Color

49.7644, -28.1702, 10.1204

Protanomaly

48.7822, -14.4223, 11.1757

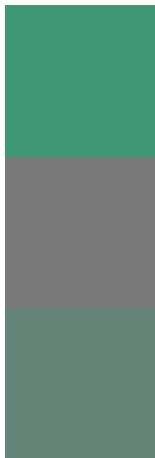
Deuteranomaly

48.8736, -10.6280, 8.3731

Tritanomaly

49.5001, -21.1883, -0.9954

Monochromacy



Original Color

49.7644, -28.1702, 10.1204

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

45.3519, -12.8612, 4.4901

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7644, -28.1702, 10.1204 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(62, 152, 117)` looks like.

```
.text, #text, p{  
    color:rgb(62, 152, 117)  
}
```

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(62, 152, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 152, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7644, -28.1702, 10.1204 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(62, 152, 117) }
```


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

```
.border{ border-color:rgb(62, 152, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 152, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 152, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 152, 117);  
box-shadow:4px 4px 4px 4px rgb(62, 152,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7644, -28.1702, 10.1204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 152, 117) }
```

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

```
.background{ background-color: rgb(62, 152,  
117) }
```

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