

Converting Colors

HunterLab(56.4088, -24.7750,
-6.1984)

Have a look what the booklet for
HunterLab(56.4088, -24.7750,
-6.1984) contains.

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Color

**HunterLab(56.2741,
-24.6241, -6.3482)**

Conversions

Conversions Part 1

Format	Color
Hex	40A7AB
RGB	64, 167, 171
RGB Percent	25%, 65%, 67%
CMY	0.7490, 0.3451, 0.3294
CMYK	0.63, 0.02, 0.00, 0.33
HSL	182°, 46%, 46%
HSV	182°, 63%, 67%
XYZ	23.2838, 31.6677, 43.4134
YIQ	136.6590, -62.6720, -20.5920

Conversions

Conversions Part 2

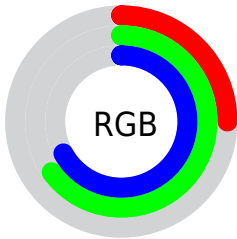
Format	Color
RYB	64, 116, 171
Decimal	4237227
CIELab	63.07, -27.95, -10.88
CIElCh	63, 29.996, 201.266
Yxy	31.6689, 0.2367, 0.3219
Android (android.graphics.Color)	4282427307 (0xFF40A7AB)
YUV	136.6590, 16.9301, -63.7219
Hunter-Lab	56.2741, -24.6241, -6.3482

Details

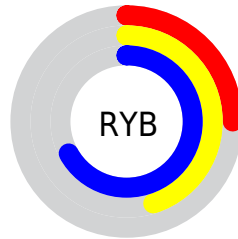
The HunterLab color **56.2741, -24.6241, -6.3482** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **36.2809, 33.8632, 15.0209**, and the grayscale version is **49.8345, -2.6590, 2.7076**.

A 20% lighter version of the original color is **78.7519, -28.6537, -6.1453**, and **36.8692, -18.7186, -5.6752** is the 20% darker color. If you saturate the color by 10%, you get **55.6303, -26.0522, -7.2403**, and if you desaturate by 10%, it is **57.0679, -22.6429, -5.2603**.

Distribution



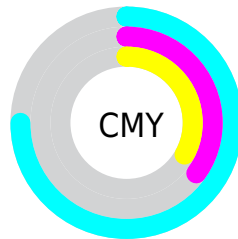
- Red (25%)
- Green (65%)
- Blue (67%)



- Red (25%)
- Yellow (45%)
- Blue (67%)



- Cyan (63%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)



- Cyan (75%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.2741, -24.6241, -6.3482 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 56.2741, -24.6241, -6.3482 by changing the saturation by 10% instead.

■ 56.2741, -24.6241,
-6.3482

■ 56.2741, -24.6241,
-6.3482

175.9569,
-42.4502, -3.6217

■ 45.9443, -22.4138,
-6.3938

■ 78.9251, -28.8283,
-6.0733

■ 36.3367, -20.0984,
-6.3717

■ 91.1719, -30.8535,
-5.8553

■ 27.5115, -17.6381,
-6.2734

■ 103.9938,
-32.8418, -5.5887

■ 19.5456, -14.9682,
-6.0908

■ 117.3661,
-34.8011, -5.2765

■ 12.5442, -12.0955,
-5.8187

■ 131.2669,
-36.7372, -4.9215

■ 5.8282, -10.1994,
-7.5195

145.6770,

0.0000, NaN, NaN

-38.6549, -4.5260

0.0000, NaN, NaN

160.5789,
-40.5582, -4.0921

0.0000, NaN, NaN

■ 56.2741, -24.6241,
-6.3482

■ 56.2741, -24.6241,
-6.3482

■ 55.6303, -26.0522,
-7.2403

■ 57.0679, -22.6429,
-5.2603

■ 55.1234, -26.9524,
-7.9461

■ 58.0151, -20.1006,
-3.9786

■ 54.7401, -27.3724,
-8.4797

■ 59.1203, -17.0055,
-2.5074

■ 54.5072, -27.4821,
-8.8034

■ 60.3846, -13.3782,
-0.8558

■ 61.8072, -9.2492,
0.9639

■ 63.3856, -4.6556,
2.9372

■ 65.1156, 0.3610,
5.0486

■ 66.9925, 5.7573,
7.2824

■ 69.0104, 11.4905,
9.6233

Harmonies

Analogous

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



56.2752, -25.8181, 6.5843



56.2741, -24.6241, -6.3482



56.2752, -17.9266, -19.0380

Triad

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



56.2752, -24.6243, -6.3474



56.2752, 18.0402, -14.1024



56.2752, 0.8735, 21.9849

Complementary

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



56.2741, -24.6241, -6.3482



36.2809, 33.8632, 15.0209

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.



56.2752, 13.6525, 18.7428



56.2741, -24.6241, -6.3482



56.2752, 24.1419, -0.7012

Square

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



56.2752, -24.6243, -6.3474



56.2752, 6.4328, -24.1805



56.2752, 22.4666, 11.0855



56.2752, -11.8605, 21.1420

Rectangle

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



56.2741, -24.6241, -6.3482



56.2752, -10.8755, -24.7084



56.2752, 22.4666, 11.0855



56.2752, 5.3218, 21.3701

Sweetspot

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



56.2752, -24.6243, -6.3474



81.4026, -16.1876, -0.3814



55.3431, -39.7355, 27.6207



38.1993, -8.3441, -0.4914



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



56.2752, -24.6243, -6.3474



74.1718, -35.3971, -10.0727



40.0636, -1.1604, -32.3518



30.0333, -3.7611, 0.7666



47.3441, -23.8838, -7.6179



7.9939, -4.1010, -1.1388

Inverse Universe

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



38.8788, 49.5143, -30.9309



48.1885, 77.9650, -48.5674



47.6656, 8.5822, 23.4871



28.5356, 2.1317, -0.8373



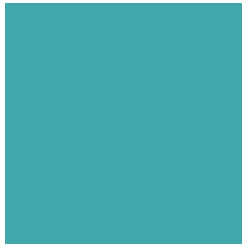
29.2674, 57.0880, -35.0923



4.8975, 9.5771, -6.0605

Previews

White Background



This preview shows how the HunterLab color 56.2741, -24.6241, -6.3482 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 56.2741, -24.6241, -6.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

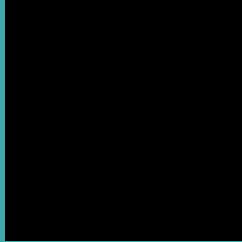
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 56.2741, -24.6241, -6.3482 Background



This preview shows how black text looks on a background with the HunterLab color 56.2741, -24.6241, -6.3482.



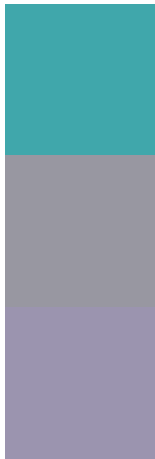
This preview shows how white text looks on a background with the HunterLab color 56.2741,

-24.6241, -6.3482.

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

56.2741, -24.6241, -6.3482

Protanopia

56.0195, -1.0132, -1.1855

Deuteranopia

55.8959, 3.8782, -8.5095



Tritanopia

56.3525, -22.0988, -10.5337

Trichromacy



Original Color

56.2741, -24.6241, -6.3482

Protanomaly

55.5190, -11.6548, -4.0086

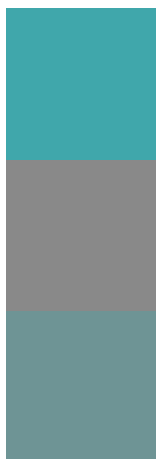
Deuteranomaly

55.3500, -8.5402, -8.9380

Tritanomaly

56.2142, -22.8412, -9.0827

Monochromacy



Original Color

56.2741, -24.6241, -6.3482

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

51.6379, -12.7788, -1.0520

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.2741, -24.6241, -6.3482 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(64, 167, 171)` looks like.

```
.text, #text, p{  
    color:rgb(64, 167, 171)  
}
```

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(64, 167, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 167, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 56.2741, -24.6241, -6.3482 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(64, 167, 171) }
```


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

```
.border{ border-color:rgb(64, 167, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 167, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 167, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 167, 171);  
box-shadow:4px 4px 4px 4px rgb(64, 167,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.2741, -24.6241, -6.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 167, 171) }
```

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

```
.background{ background-color: rgb(64, 167,  
171) }
```

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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