

Converting Colors

HunterLab(24.0639, -11.7591,
-8.0700)

Have a look what the booklet for
HunterLab(24.0639, -11.7591,
-8.0700) contains.

HunterLab(24.2352, -10.4028, -7.8353)	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(24.2352,
-10.4028, -7.8353)**

Conversions

Conversions Part 1

Format	Color
Hex	004C58
RGB	0, 76, 88
RGB Percent	0%, 30%, 35%
CMY	1.0000, 0.7020, 0.6549
CMYK	1.00, 0.14, 0.00, 0.65
HSL	188°, 100%, 17%
HSV	188°, 100%, 35%
XYZ	4.3459, 5.8734, 10.1371
YIQ	54.6440, -49.1480, -12.3800

Conversions

Conversions Part 2

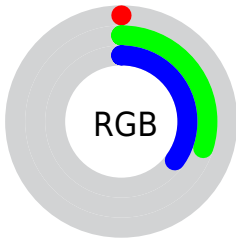
Format	Color
RYB	0, 41, 88
Decimal	19544
CIELab	29.09, -15.56, -12.90
CIElCh	29, 20.217, 219.658
Yxy	5.8737, 0.2135, 0.2885
Android (android.graphics.Color)	4278209624 (0xFF004C58)
YUV	54.6440, 16.4445, -47.9228
Hunter-Lab	24.2352, -10.4028, -7.8353

Details

The HunterLab color **24.2352, -10.4028, -7.8353** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.2900, 21.7624, 9.8018**, and the grayscale version is **19.3839, -1.0343, 1.0532**.

A 20% lighter version of the original color is **42.0244, -13.3642, -8.2623**, and **10.9884, -3.7559, -5.6267** is the 20% darker color. If you saturate the color by 10%, you get **24.2353, -10.4027, -7.8355**, and if you desaturate by 10%, it is **24.6928, -10.3959, -7.1349**.

Distribution



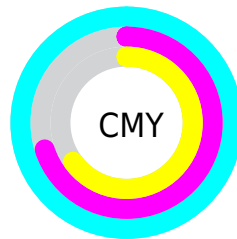
- Red (0%)
- Green (30%)
- Blue (35%)



- Red (0%)
- Yellow (16%)
- Blue (35%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (70%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.2352, -10.4028, -7.8353 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 24.2352, -10.4028, -7.8353 by changing the saturation by 10% instead.

■ 24.2352, -10.4028,
-7.8353

■ 24.2352, -10.4028,
-7.8353

■ 125.6767,
-23.3576, -7.4030

■ 16.6385, -8.7370,
-7.5359

■ 42.0338, -13.4673,
-8.1885

■ 10.0601, -7.3730,
-7.1687

■ 52.0833, -14.9262,
-8.2526

0.0000, NaN, -NF

■ 62.8264, -16.3577,
-8.2498

0.0000, NaN, NaN

■ 74.2207, -17.7714,
-8.1858

0.0000, NaN, NaN

■ 86.2311, -19.1739,
-8.0653

0.0000, NaN, NaN

■ 98.8275, -20.5702,

0.0000, NaN, NaN

0.0000, NaN, NaN

-7.8925

0.0000, NaN, NaN

■ 111.9836,
-21.9638, -7.6707

■ 24.2352, -10.4028,
-7.8353

■ 24.2352, -10.4028,
-7.8353

■ 24.2353, -10.4027,
-7.8355

■ 24.6928, -10.3959,
-7.1349

■ 25.1702, -10.3152,
-6.4189

■ 25.7074, -10.0099,
-5.6281

■ 26.3076, -9.4711,
-4.7629

■ 26.9722, -8.6991,
-3.8272

■ 27.7013, -7.6997,
-2.8263

■ 28.4942, -6.4830,
-1.7665

■ 29.3496, -5.0618,
-0.6547

■ 30.2656, -3.4507,
0.5024

Harmonies

Analogous

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



24.2356, -12.6909, -0.8192



24.2352, -10.4028, -7.8353



24.2356, -5.5955, -13.1427

Triad

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



24.2356, -10.4027, -7.8349



24.2356, 11.9479, -3.3189



24.2356, -3.4097, 10.5309

Complementary

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



24.2352, -10.4028, -7.8353



15.2900, 21.7624, 9.8018

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.



24.2356, 3.3291, 10.2001



24.2352, -10.4028, -7.8353



24.2356, 12.6962, 3.2789

Square

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



24.2356, -10.4027, -7.8349



24.2356, 7.4500, -10.0845



24.2356, 9.3959, 7.8877



24.2356, -8.9517, 8.9604

Rectangle

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



24.2352, -10.4028, -7.8353



24.2356, -1.3710, -14.3355



24.2356, 9.3959, 7.8877



24.2356, -1.2178, 10.6260

Sweetspot

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



24.2356, -10.4027, -7.8349



37.5707, -8.7464, -2.4795



26.4679, -22.3463, 15.1576



18.7660, -4.6303, -1.4404



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



24.2356, -10.4027, -7.8349



31.8983, -13.5639, -10.5896



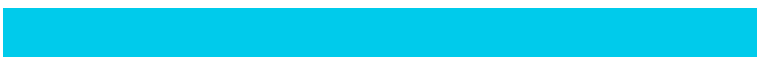
13.2376, 7.6515, -33.0613



15.2279, -1.6238, 0.3247



29.6715, -12.6458, -9.7881



69.6434, -29.0904, -24.2504

Inverse Universe

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



16.1143, 30.8319, -14.6888



21.2855, 40.6933, -19.1234



22.0853, 5.2055, 13.6994



14.6488, 0.7903, -0.1165



19.7823, 37.8276, -17.8357



46.7839, 89.2950, -40.9022

Previews

White Background



This preview shows how the HunterLab color 24.2352, -10.4028, -7.8353 looks on a white 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

Black Background



This preview shows how the HunterLab color 24.2352, -10.4028, -7.8353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

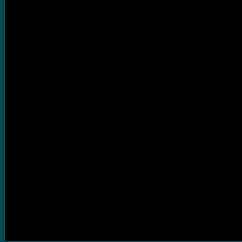
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

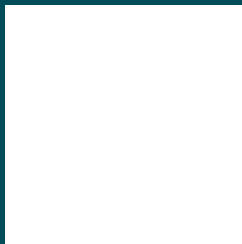
Any Text WCAG AAA × Fail

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

HunterLab 24.2352, -10.4028, -7.8353 Background



This preview shows how black text looks on a background with the HunterLab color 24.2352, -10.4028, -7.8353.



This preview shows how white text looks on a background with the HunterLab color 24.2352,

-10.4028, -7.8353.

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

24.2352, -10.4028, -7.8353

Protanopia

24.3249, 0.5446, -4.9484

Deuteranopia

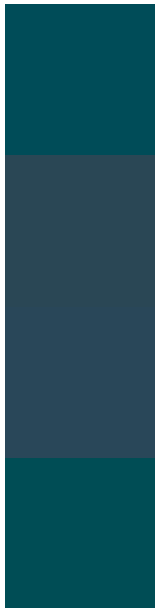
24.4181, 1.3263, -8.4174



Tritanopia

24.3563, -11.7315, -5.1183

Trichromacy



Original Color

24.2352, -10.4028, -7.8353

Protanomaly

23.7794, -5.2241, -6.8673

Deuteranomaly

23.8729, -4.6100, -8.8430

Tritanomaly

24.4205, -11.3525, -6.0169

Monochromacy



Original Color

24.2352, -10.4028, -7.8353

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

20.7788, -6.4357, -2.4609

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.2352, -10.4028, -7.8353 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(0, 76, 88)` looks like.

```
.text, #text, p{  
    color:rgb(0, 76, 88)  
}
```

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(0, 76, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 76, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 24.2352, -10.4028, -7.8353 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(0, 76, 88) }
```


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

```
.border{ border-color:rgb(0, 76, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 76, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 76, 88); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 76, 88); box-shadow:4px  
4px 4px 4px rgb(0, 76, 88) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.2352, -10.4028, -7.8353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 76, 88) }
```

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

```
.background{ background-color: rgb(0, 76,  
88) }
```

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