

Converting Colors

HunterLab(24.7171, -8.0589,
-13.4975)

Have a look what the booklet for
HunterLab(24.7171, -8.0589,
-13.4975) contains.

HunterLab(24.6368, -8.0723, -13.3682)	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(24.6368, -8.0723,
-13.3682)**

Conversions

Conversions Part 1

Format	Color
Hex	004C63
RGB	0, 76, 99
RGB Percent	0%, 30%, 39%
CMY	1.0000, 0.7020, 0.6118
CMYK	1.00, 0.23, 0.00, 0.61
HSL	194°, 100%, 19%
HSV	194°, 100%, 39%
XYZ	4.8366, 6.0697, 12.7210
YIQ	55.8980, -52.6790, -8.9590

Conversions

Conversions Part 2

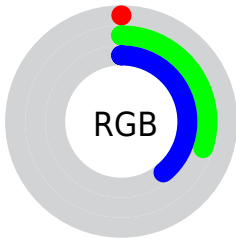
Format	Color
RYB	0, 43, 99
Decimal	19555
CIELab	29.59, -11.22, -19.17
CIELCh	30, 22.212, 239.675
Yxy	6.0699, 0.2047, 0.2569
Android (android.graphics.Color)	4278209635 (0xFF004C63)
YUV	55.8980, 21.2493, -49.0225
Hunter-Lab	24.6368, -8.0723, -13.3682

Details

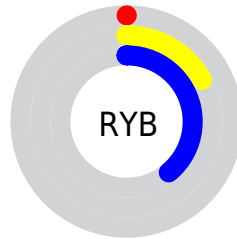
The HunterLab color **24.6368, -8.0723, -13.3682** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **18.0716, 22.2288, 11.5239**, and the grayscale version is **19.7953, -1.0562, 1.0755**.

A 20% lighter version of the original color is **42.5420, -10.5769, -14.1846**, and **11.3179, -1.8846, -10.0781** is the 20% darker color. If you saturate the color by 10%, you get **24.6365, -8.0718, -13.3689**, and if you desaturate by 10%, it is **25.4096, -8.4850, -12.0356**.

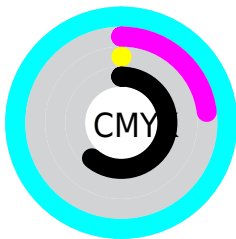
Distribution



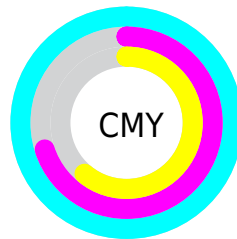
- Red (0%)
- Green (30%)
- Blue (39%)



- Red (0%)
- Yellow (17%)
- Blue (39%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (61%)



- Cyan (100%)
- Magenta (70%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.6368, -8.0723, -13.3682 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 24.6368, -8.0723, -13.3682 by changing the saturation by 10% instead.

■ 24.6368, -8.0723,
-13.3682

■ 24.6368, -8.0723,
-13.3682

■ 126.3706,
-18.8569, -14.8849

■ 16.9931, -6.7800,
-12.9064

■ 42.5159, -10.5192,
-14.1469

■ 10.3603, -5.4650,
-12.4943

■ 52.6010, -11.7116,
-14.4367

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 63.3773, -12.8963,
-14.6595

0.0000, NaN, NaN

■ 74.8031, -14.0792,
-14.8184

0.0000, NaN, NaN

■ 86.8433, -15.2642,
-14.9170

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.4680, -16.4542,

-14.9587

0.0000, NaN, NaN

■ 112.6513,
-17.6513, -14.9470

■ 24.6368, -8.0723,
-13.3682

■ 24.6368, -8.0723,
-13.3682

■ 24.6365, -8.0718,
-13.3689

■ 25.4096, -8.4850,
-12.0356

■ 26.2171, -8.7757,
-10.6947

■ 27.0997, -8.7942,
-9.2816

■ 28.0588, -8.5380,
-7.8034

■ 29.0938, -8.0132,
-6.2692

■ 30.2029, -7.2321,
-4.6886

■ 31.3837, -6.2103,
-3.0712

■ 32.6332, -4.9658,
-1.4257

■ 33.9479, -3.5172,
0.2404

Harmonies

Analogous

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



24.6372, -12.4616, -6.3119



24.6368, -8.0723, -13.3682



24.6372, -1.3964, -16.3119

Triad

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



24.6372, -8.0721, -13.3677



24.6372, 14.5211, 1.2644



24.6372, -7.9480, 10.4155

Complementary

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



24.6368, -8.0723, -13.3682



18.0716, 22.2288, 11.5239

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.



24.6372, -1.2353, 11.3733



24.6368, -8.0723, -13.3682



24.6372, 12.2489, 7.1262

Square

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



24.6372, -8.0721, -13.3677



24.6372, 12.1518, -6.4847



24.6372, 6.2573, 10.3718



24.6372, -12.3961, 7.2240

Rectangle

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



24.6368, -8.0723, -13.3682



24.6372, 3.6403, -15.0339



24.6372, 6.2573, 10.3718



24.6372, -5.9089, 10.9589

Sweetspot

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



24.6372, -8.0721, -13.3677



40.9675, -8.2615, -4.2073



29.9661, -25.0300, 16.5787



19.7562, -4.2240, -2.3454



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



24.6372, -8.0721, -13.3677



32.0277, -10.2380, -17.9309



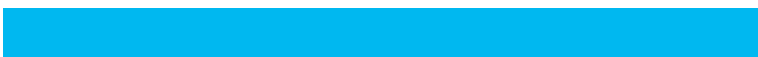
13.1685, 13.1315, -44.8043



16.7420, -1.6399, 0.2116



28.0195, -9.0647, -15.4539



63.6852, -19.4429, -37.6292

Inverse Universe

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



17.8176, 33.4391, -11.1884



23.3024, 43.6804, -14.1999



26.7454, 2.5563, 16.5246



16.1843, 0.8603, 0.0095



20.3271, 38.1264, -12.5681



46.8336, 87.5938, -27.0224

Previews

White Background



This preview shows how the HunterLab color 24.6368, -8.0723, -13.3682 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 24.6368, -8.0723, -13.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

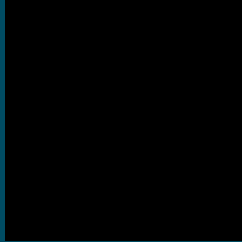
Any Text WCAG AA × Fail

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 24.6368, -8.0723, -13.3682 Background



This preview shows how black text looks on a background with the HunterLab color 24.6368, -8.0723, -13.3682.



This preview shows how white text looks on a background with the HunterLab color 24.6368, -8.0723, -13.3682.

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

24.6368, -8.0723, -13.3682

Protanopia

24.7410, 1.4232, -10.1072

Deuteranopia

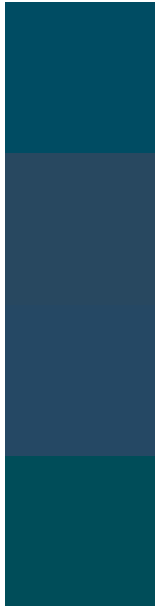
24.6888, 1.7797, -14.3227



Tritanopia

24.6756, -11.8987, -5.1566

Trichromacy



Original Color

24.6368, -8.0723, -13.3682

Protanomaly

24.3524, -3.7407, -12.0026

Deuteranomaly

24.3888, -3.3005, -14.3395

Tritanomaly

24.5541, -10.5683, -7.8764

Monochromacy



Original Color

24.6368, -8.0723, -13.3682

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.9713, -5.4216, -4.5057

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.6368, -8.0723, -13.3682 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, 99)` looks like.

```
.text, #text, p{  
    color:rgb(0, 76, 99)  
}
```

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, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 76, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 24.6368, -8.0723, -13.3682 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, 99) }
```


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

```
.border{ border-color:rgb(0, 76, 99) }
```

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, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 76, 99); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 76, 99); box-shadow:4px  
4px 4px 4px rgb(0, 76, 99) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.6368, -8.0723, -13.3682 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, 99) }
```

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

```
.background{ background-color: rgb(0, 76,  
99) }
```

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