

Converting Colors

HunterLab(22.6260, -15.0436,
-11.3969)

Have a look what the booklet for
HunterLab(22.6260, -15.0436,
-11.3969) contains.

HunterLab(24.0215, -9.6278, -9.2412)	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(24.0215, -9.6278,
-9.2412)**

Conversions

Conversions Part 1

Format	Color
Hex	004B5A
RGB	0, 75, 90
RGB Percent	0%, 29%, 35%
CMY	1.0000, 0.7059, 0.6471
CMYK	1.00, 0.17, 0.00, 0.65
HSL	190°, 100%, 18%
HSV	190°, 100%, 35%
XYZ	4.3615, 5.7703, 10.5568
YIQ	54.2850, -49.5150, -11.2350

Conversions

Conversions Part 2

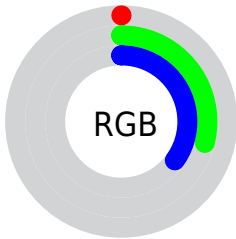
Format	Color
RYB	0, 41, 90
Decimal	19290
CIELab	28.83, -14.21, -14.59
CIElCh	29, 20.366, 225.772
Yxy	5.7705, 0.2108, 0.2789
Android (android.graphics.Color)	4278209370 (0xFF004B5A)
YUV	54.2850, 17.6075, -47.6079
Hunter-Lab	24.0215, -9.6278, -9.2412

Details

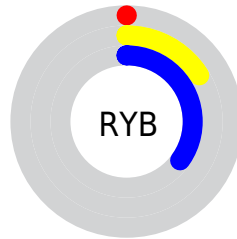
The HunterLab color **24.0215, -9.6278, -9.2412** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15.8605, 21.6224, 10.1509**, and the grayscale version is **19.2584, -1.0276, 1.0463**.

A 20% lighter version of the original color is **41.7935, -12.5417, -9.6644**, and **10.7788, -3.2199, -6.5218** is the 20% darker color. If you saturate the color by 10%, you get **24.0215, -9.6276, -9.2415**, and if you desaturate by 10%, it is **24.5652, -9.7286, -8.3797**.

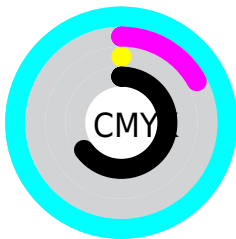
Distribution



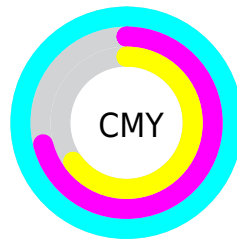
- Red (0%)
- Green (29%)
- Blue (35%)



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



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (71%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.0215, -9.6278, -9.2412 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 24.0215, -9.6278, -9.2412 by changing the saturation by 10% instead.

■ 24.0215, -9.6278,
-9.2412

■ 24.0215, -9.6278,
-9.2412

■ 125.3064,
-21.9050, -9.3916

■ 16.4501, -8.0759,
-8.8825

■ 41.7769, -12.5014,
-9.7301

■ 9.9009, -6.8354,
-8.4813

■ 51.8074, -13.8773,
-9.8626

0.0000, NaN, -NF

■ 62.5326, -15.2317,
-9.9272

0.0000, NaN, NaN

■ 73.9101, -16.5731,
-9.9288

0.0000, NaN, NaN

■ 85.9046, -17.9073,
-9.8723

0.0000, NaN, NaN

■ 98.4857, -19.2387,

0.0000, NaN, NaN

0.0000, NaN, NaN

-9.7616

0.0000, NaN, NaN

111.6273,
-20.5705, -9.6003

24.0215, -9.6278,
-9.2412

24.0215, -9.6278,
-9.2412

24.0215, -9.6276,
-9.2415

24.5652, -9.7286,
-8.3797

25.1313, -9.7479,
-7.5055

25.7601, -9.5333,
-6.5571

26.4546, -9.0779,
-5.5368

27.2153, -8.3838,
-4.4499

■ 28.0420, -7.4584,
-3.3030

■ 28.9335, -6.3131,
-2.1035

■ 29.8879, -4.9620,
-0.8588

■ 30.9030, -3.4205,
0.4240

Harmonies

Analogous

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



24.0219, -12.4700, -2.2692



24.0215, -9.6278, -9.2412



24.0219, -4.3692, -13.8702

Triad

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



24.0219, -9.6277, -9.2408



24.0219, 12.5293, -1.9049



24.0219, -4.6867, 10.3667

Complementary

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



24.0215, -9.6278, -9.2412



15.8605, 21.6224, 10.1509

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.



24.0219, 1.9672, 10.4143



24.0215, -9.6278, -9.2412



24.0219, 12.4202, 4.4070

Square

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



24.0219, -9.6277, -9.2408



24.0219, 8.6671, -8.9119



24.0219, 8.3835, 8.5382



24.0219, -9.8381, 8.3834

Rectangle

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



24.0215, -9.6278, -9.2412



24.0219, 0.0270, -14.3676



24.0219, 8.3835, 8.5382



24.0219, -2.5655, 10.5867

Sweetspot

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



24.0219, -9.6277, -9.2408



38.1500, -8.5110, -2.9406



27.1053, -22.7878, 15.3141



18.6018, -4.3884, -1.6514



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.



24.0219, -9.6277, -9.2408



31.5910, -12.4953, -12.5122



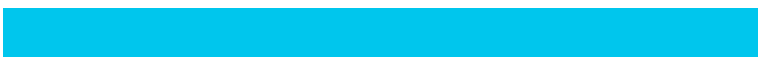
12.9114, 9.3405, -36.2994



16.0043, -1.6682, 0.2952



29.4355, -11.6794, -11.5793



68.0730, -26.2603, -28.3968

Inverse Universe

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



16.3764, 31.1446, -13.4644



21.6329, 41.1014, -17.4503



23.2502, 4.0907, 14.3977



15.4157, 0.8376, -0.0871



20.1355, 38.2660, -16.3163



47.0002, 89.1270, -36.5875

Previews

White Background



This preview shows how the HunterLab color 24.0215, -9.6278, -9.2412 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 24.0215, -9.6278, -9.2412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

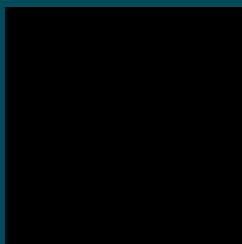
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

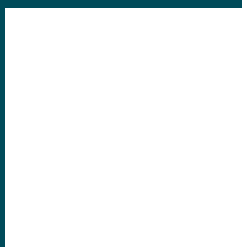
Any Text WCAG AAA × Fail

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

HunterLab 24.0215, -9.6278, -9.2412 Background



This preview shows how black text looks on a background with the HunterLab color 24.0215, -9.6278, -9.2412.



This preview shows how white text looks on a background with the HunterLab color 24.0215, -9.6278, -9.2412.

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

24.0215, -9.6278, -9.2412

Protanopia

24.2489, 0.4148, -6.0643

Deuteranopia

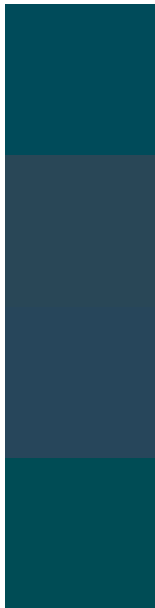
24.1063, 1.6907, -10.0194



Tritanopia

24.0376, -11.5647, -5.0802

Trichromacy



Original Color

24.0215, -9.6278, -9.2412

Protanomaly

23.8034, -5.0012, -7.8793

Deuteranomaly

23.5945, -4.1053, -10.4044

Tritanomaly

24.1345, -10.9936, -6.4341

Monochromacy



Original Color

24.0215, -9.6278, -9.2412

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

20.4709, -6.2170, -2.8747

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.0215, -9.6278, -9.2412 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, 75, 90)` looks like.

```
.text, #text, p{  
    color:rgb(0, 75, 90)  
}
```

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, 75, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 75, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 24.0215, -9.6278, -9.2412 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, 75, 90) }
```


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

```
.border{ border-color:rgb(0, 75, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 75, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 75, 90); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 75, 90); box-shadow:4px  
4px 4px 4px rgb(0, 75, 90) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.0215, -9.6278, -9.2412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 75, 90) }
```

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

```
.background{ background-color: rgb(0, 75,  
90) }
```

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