

Converting Colors

HunterLab(24.8517, -7.5587,
-29.9329)

Have a look what the booklet for
HunterLab(24.8517, -7.5587,
-29.9329) contains.

HunterLab(26.2755, -2.7592, -26.8857)	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(26.2755, -2.7592,
-26.8857)**

Conversions

Conversions Part 1

Format	Color
Hex	004E7C
RGB	0, 78, 124
RGB Percent	0%, 31%, 49%
CMY	0.9999, 0.6941, 0.5137
CMYK	1.00, 0.37, 0.00, 0.51
HSL	202°, 100%, 24%
HSV	202°, 100%, 49%
XYZ	6.3625, 6.9040, 20.0661
YIQ	59.9220, -61.2540, -2.2300

Conversions

Conversions Part 2

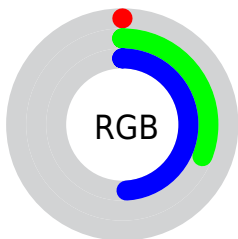
Format	Color
RYB	0, 48, 124
Decimal	20092
CIELab	31.59, -2.10, -31.77
CIELCh	32, 31.836, 266.218
Yxy	6.9042, 0.1909, 0.2071
Android (android.graphics.Color)	4278210172 (0xFF004E7C)
YUV	59.9220, 31.5905, -52.5516
Hunter-Lab	26.2755, -2.7592, -26.8857

Details

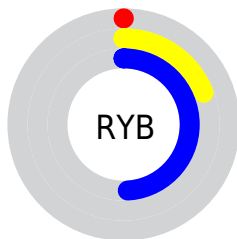
The HunterLab color **26.2755, -2.7592, -26.8857** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **24.9807, 22.6651, 15.7887**, and the grayscale version is **21.1417, -1.1281, 1.1487**.

A 20% lighter version of the original color is **44.5521, -4.1383, -27.9742**, and **12.8532, 3.0881, -22.7318** is the 20% darker color. If you saturate the color by 10%, you get **26.2741, -2.7569, -26.8891**, and if you desaturate by 10%, it is **27.6805, -4.2136, -23.8616**.

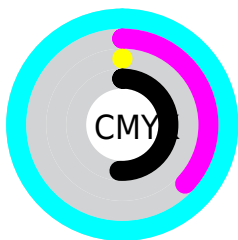
Distribution



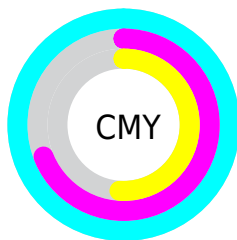
- Red (0%)
- Green (31%)
- Blue (49%)



- Red (0%)
- Yellow (19%)
- Blue (49%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (69%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.2755, -2.7592, -26.8857 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 26.2755, -2.7592, -26.8857 by changing the saturation by 10% instead.

■ 26.2755, -2.7592,
-26.8857

■ 26.2755, -2.7592,
-26.8857

■ 129.1765, -9.2195,
-31.1567

■ 18.4453, -2.1864,
-26.4922

■ 44.4750, -3.9956,
-28.0423

■ 11.5982, -1.6437,
-26.6194

■ 54.7021, -4.6591,
-28.6273

■ 4.1927, -2.4066,
-43.1366

■ 65.6114, -5.3517,
-29.1756

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 77.1626, -6.0724,
-29.6766

0.0000, NaN, NaN

■ 89.3219, -6.8203,
-30.1258

0.0000, NaN, NaN

■ 102.0603, -7.5947,

0.0000, NaN, NaN

-30.5220

0.0000, NaN, NaN

115.3526, -8.3946,
-30.8652

26.2755, -2.7592,
-26.8857

26.2755, -2.7592,
-26.8857

26.2741, -2.7569,
-26.8891

27.6805, -4.2136,
-23.8616

29.1697, -5.4023,
-20.8797

30.7777, -6.1943,
-17.8776

32.5009, -6.5993,
-14.8752

34.3336, -6.6394,
-11.8898

■ 36.2689, -6.3427,
-8.9350

■ 38.2998, -5.7400,
-6.0200

■ 40.4193, -4.8620,
-3.1507

■ 42.6208, -3.7376,
-0.3296

Harmonies

Analogous

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



26.2759, -11.9778, -20.8432



26.2755, -2.7592, -26.8857



26.2759, 8.4098, -23.1658

Triad

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



26.2759, -2.7587, -26.8851



26.2759, 19.9314, 8.7436



26.2759, -16.5259, 10.2112

Complementary

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



26.2755, -2.7592, -26.8857



24.9807, 22.6651, 15.7887

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.



26.2759, -9.9591, 13.6937



26.2755, -2.7592, -26.8857



26.2759, 11.1631, 13.1181

Square

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



26.2759, -2.7587, -26.8851



26.2759, 22.6816, 0.0941



26.2759, -0.0201, 14.4891



26.2759, -19.0732, 2.6998

Rectangle

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



26.2755, -2.7592, -26.8857



26.2759, 15.3246, -16.2284



26.2759, -0.0201, 14.4891



26.2759, -14.7729, 11.7529

Sweetspot

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



26.2759, -2.7587, -26.8851



50.6075, -7.6852, -8.2642



38.2213, -30.9699, 19.0834



24.0992, -3.8813, -4.6617



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



26.2759, -2.7587, -26.8851



34.4636, -3.0250, -36.5464



13.5733, 26.6382, -74.4655



20.6742, -1.7480, -0.0335



26.4815, -2.7640, -27.1328



56.3740, -3.6518, -62.5794

Inverse Universe

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



21.9899, 40.1557, -5.1811



29.1226, 53.1027, -6.2152



38.5988, -4.5664, 23.7037



20.1332, 1.0673, 0.2680



22.1694, 40.4853, -5.2060



48.2446, 87.7935, -8.9271

Previews

White Background



This preview shows how the HunterLab color 26.2755, -2.7592, -26.8857 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 26.2755, -2.7592, -26.8857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

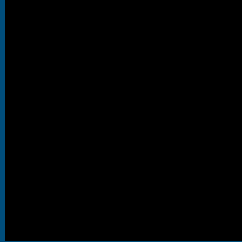
Any Text WCAG AA × Fail

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 26.2755, -2.7592, -26.8857 Background



This preview shows how black text looks on a background with the HunterLab color 26.2755, -2.7592, -26.8857.



This preview shows how white text looks on a background with the HunterLab color 26.2755, -2.7592, -26.8857.

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

26.2755, -2.7592, -26.8857

Protanopia

26.3948, 3.8508, -22.8720

Deuteranopia

26.4277, 1.9243, -27.2097



Tritanopia

26.2827, -12.7403, -5.3484

Trichromacy



Original Color

26.2755, -2.7592, -26.8857

Protanomaly

26.0532, 0.2755, -25.1073

Deuteranomaly

26.2091, -0.1523, -27.7439

Tritanomaly

26.1614, -9.3426, -12.5315

Monochromacy



Original Color

26.2755, -2.7592, -26.8857

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

22.4742, -4.6388, -7.8221

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 26.2755, -2.7592, -26.8857 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, 78, 124)` looks like.

```
.text, #text, p{  
    color:rgb(0, 78, 124)  
}
```

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, 78, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 78, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 26.2755, -2.7592, -26.8857 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, 78, 124) }
```


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

```
.border{ border-color:rgb(0, 78, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 78, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 78, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 78, 124);  
box-shadow:4px 4px 4px 4px rgb(0, 78, 124)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 26.2755, -2.7592, -26.8857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 78, 124) }
```

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

```
.background{ background-color: rgb(0, 78,  
124) }
```

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