

Converting Colors

HunterLab(23.6318, -13.7546,
-20.0018)

Have a look what the booklet for
HunterLab(23.6318, -13.7546,
-20.0018) contains.

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Color

**HunterLab(25.4743, -7.2610,
-16.1663)**

Conversions

Conversions Part 1

Format	Color
Hex	004E6A
RGB	0, 78, 106
RGB Percent	0%, 31%, 42%
CMY	1.0000, 0.6941, 0.5843
CMYK	1.00, 0.26, 0.00, 0.58
HSL	196°, 100%, 21%
HSV	196°, 100%, 42%
XYZ	5.3259, 6.4894, 14.6076
YIQ	57.8700, -55.4760, -7.8280

Conversions

Conversions Part 2

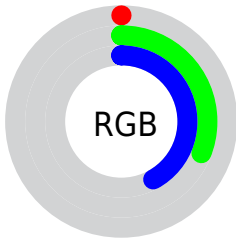
Format	Color
RYB	0, 45, 106
Decimal	20074
CIELab	30.62, -9.59, -22.01
CIELCh	31, 24.013, 246.451
Yxy	6.4896, 0.2016, 0.2456
Android (android.graphics.Color)	4278210154 (0xFF004E6A)
YUV	57.8700, 23.7281, -50.7520
Hunter-Lab	25.4743, -7.2610, -16.1663

Details

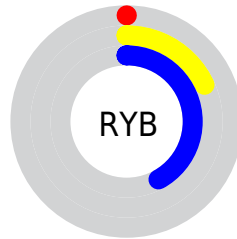
The HunterLab color **25.4743, -7.2610, -16.1663** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **19.7363, 22.9782, 12.5628**, and the grayscale version is **20.4614, -1.0918, 1.1117**.

A 20% lighter version of the original color is **43.4916, -9.6175, -16.8545**, and **12.0823, -1.0305, -12.8773** is the 20% darker color. If you saturate the color by 10%, you get **25.4738, -7.2601, -16.1675**, and if you desaturate by 10%, it is **26.3904, -7.8853, -14.5114**.

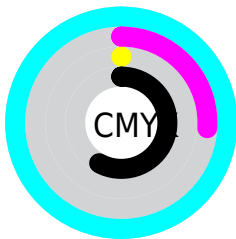
Distribution



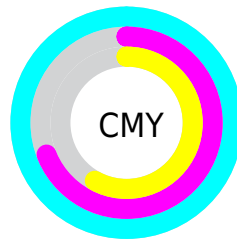
- Red (0%)
- Green (31%)
- Blue (42%)



- Red (0%)
- Yellow (18%)
- Blue (42%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (69%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.4743, -7.2610, -16.1663 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 25.4743, -7.2610, -16.1663 by changing the saturation by 10% instead.

■ 25.4743, -7.2610,
-16.1663

■ 25.4743, -7.2610,
-16.1663

■ 127.8096,
-17.2533, -18.4061

■ 17.7342, -6.1074,
-15.6728

■ 43.5188, -9.4808,
-17.0793

■ 10.9905, -4.8848,
-15.2942

■ 53.6770, -10.5756,
-17.4499

■ 2.6105, -4.5684,
-38.3657

■ 64.5219, -11.6703,
-17.7568

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 76.0123, -12.7691,
-18.0011

0.0000, NaN, NaN

■ 88.1138, -13.8750,
-18.1853

0.0000, NaN, NaN

■ 100.7971,

0.0000, NaN, NaN

-14.9901, -18.3123

0.0000, NaN, NaN

114.0365,
-16.1158, -18.3849

25.4743, -7.2610,
-16.1663

25.4743, -7.2610,
-16.1663

25.4738, -7.2601,
-16.1675

26.3904, -7.8853,
-14.5114

27.3520, -8.3524,
-12.8500

28.3982, -8.5179,
-11.1193

29.5296, -8.3812,
-9.3289

30.7449, -7.9510,
-7.4904

■ 32.0414, -7.2425,
-5.6151

■ 33.4156, -6.2747,
-3.7136

■ 34.8639, -5.0684,
-1.7950

■ 36.3821, -3.6446,
0.1330

Harmonies

Analogous

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



25.4747, -12.6652, -9.0182



25.4743, -7.2610, -16.1663



25.4747, 0.4040, -18.0399

Triad

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



25.4747, -7.2608, -16.1658



25.4747, 15.9381, 2.9880



25.4747, -9.9292, 10.6224

Complementary

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



25.4743, -7.2610, -16.1663



19.7363, 22.9782, 12.5628

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.



25.4747, -3.0785, 12.1159



25.4743, -7.2610, -16.1663



25.4747, 12.3403, 8.6821

Square

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



25.4747, -7.2608, -16.1658



25.4747, 14.4580, -5.2337



25.4747, 5.1307, 11.5366



25.4747, -14.0666, 6.6010

Rectangle

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



25.4743, -7.2610, -16.1663



25.4747, 5.9159, -15.6562



25.4747, 5.1307, 11.5366



25.4747, -7.9022, 11.3687

Sweetspot

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



25.4747, -7.2608, -16.1658



44.1113, -8.4327, -5.1321



32.2260, -26.7816, 17.5353



21.0782, -4.2826, -2.8551



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



25.4747, -7.2608, -16.1658



33.4614, -9.2083, -21.9458



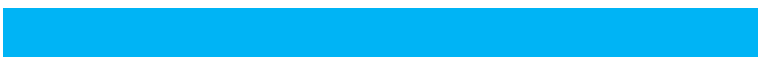
13.4246, 16.1630, -51.6680



18.3394, -1.7508, 0.1653



28.2790, -7.9461, -18.1930



62.6703, -16.2550, -43.2427

Inverse Universe

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



19.0119, 35.4485, -10.1429



25.1469, 46.8264, -12.9096



29.5450, 1.3201, 18.2280



17.7508, 0.9651, 0.0500



21.1652, 39.4443, -11.1159



47.6205, 88.4825, -22.9558

Previews

White Background



This preview shows how the HunterLab color 25.4743, -7.2610, -16.1663 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 25.4743, -7.2610, -16.1663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

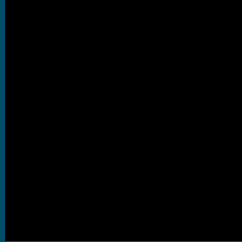
Any Text WCAG AA × Fail

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 25.4743, -7.2610, -16.1663 Background



This preview shows how black text looks on a background with the HunterLab color 25.4743, -7.2610, -16.1663.



This preview shows how white text looks on a background with the HunterLab color 25.4743, -7.2610, -16.1663.

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

25.4743, -7.2610, -16.1663

Protanopia

25.5006, 1.9374, -12.8784

Deuteranopia

25.6244, 1.5407, -16.3682



Tritanopia

25.3485, -12.0450, -5.6816

Trichromacy



Original Color

25.4743, -7.2610, -16.1663

Protanomaly

25.1554, -3.0643, -14.7973

Deuteranomaly

25.1678, -2.6936, -17.3078

Tritanomaly

25.2985, -10.2892, -9.4095

Monochromacy



Original Color

25.4743, -7.2610, -16.1663

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

21.6377, -5.5013, -5.0032

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.4743, -7.2610, -16.1663 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, 106)` looks like.

```
.text, #text, p{  
    color:rgb(0, 78, 106)  
}
```

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, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 78, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 25.4743, -7.2610, -16.1663 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, 106) }
```


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

```
.border{ border-color:rgb(0, 78, 106) }
```

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, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 78, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 78, 106);  
box-shadow:4px 4px 4px 4px rgb(0, 78, 106)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.4743, -7.2610, -16.1663 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, 106) }
```

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

```
.background{ background-color: rgb(0, 78,  
106) }
```

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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