

Converting Colors

HunterLab(24.9718, -7.0253,
-25.9247)

Have a look what the booklet for
HunterLab(24.9718, -7.0253,
-25.9247) contains.

HunterLab(25.7675, -3.6425, -24.3440)	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(25.7675, -3.6425,
-24.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	004D77
RGB	0, 77, 119
RGB Percent	0%, 30%, 47%
CMY	0.9999, 0.6980, 0.5333
CMYK	1.00, 0.35, 0.00, 0.53
HSL	201°, 100%, 23%
HSV	201°, 100%, 47%
XYZ	5.9836, 6.6396, 18.4189
YIQ	58.7650, -59.3740, -3.2620

Conversions

Conversions Part 2

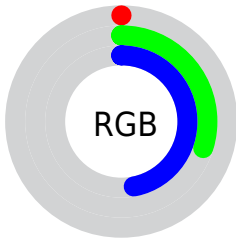
Format	Color
R _Y B	0, 47, 119
Decimal	19831
CIE Lab	30.97, -3.56, -29.62
CIE LCh	31, 29.837, 263.147
Yxy	6.6399, 0.1928, 0.2139
Android (android.graphics.Color)	4278209911 (0xFF004D77)
YUV	58.7650, 29.6959, -51.5369
Hunter-Lab	25.7675, -3.6425, -24.3440

Details

The HunterLab color $25.7675, -3.6425, -24.3440$ is a dark color, and the websafe version is hex 006699 . A complement of this color would be $23.6197, 22.4209, 14.9459$, and the grayscale version is $20.7497, -1.1072, 1.1274$.

A 20% lighter version of the original color is $43.9956, -5.0524, -25.5764$, and $12.3690, 2.1566, -20.1155$ is the 20% darker color. If you saturate the color by 10%, you get $25.7664, -3.6406, -24.3468$, and if you desaturate by 10%, it is $27.0634, -4.9007, -21.6450$.

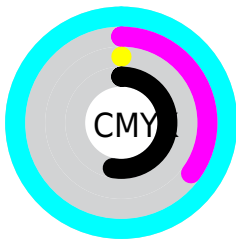
Distribution



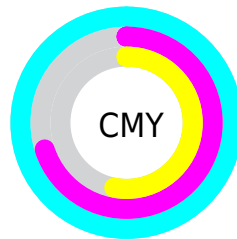
- Red (0%)
- Green (30%)
- Blue (47%)



- Red (0%)
- Yellow (18%)
- Blue (47%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (70%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.7675, -3.6425, -24.3440 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 25.7675, -3.6425, -24.3440 by changing the saturation by 10% instead.

■ 25.7675, -3.6425,
-24.3440

■ 25.7675, -3.6425,
-24.3440

■ 128.3108,
-10.7675, -28.2616

■ 17.9942, -2.9617,
-23.9081

■ 43.8691, -5.0629,
-25.4795

■ 11.2123, -2.2934,
-23.9054

■ 54.0526, -5.8075,
-26.0299

■ 3.2813, -4.9030,
-47.9226

■ 64.9212, -6.5758,
-26.5359

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 76.4339, -7.3677,
-26.9898

0.0000, NaN, NaN

■ 88.5567, -8.1832,
-27.3890

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.2602, -9.0219,

-27.7333

0.0000, NaN, NaN

114.5191, -9.8835,
-28.0236

25.7675, -3.6425,
-24.3440

25.7675, -3.6425,
-24.3440

25.7664, -3.6406,
-24.3468

27.0634, -4.9007,
-21.6450

28.4328, -5.9229,
-18.9774

29.9119, -6.5744,
-16.2778

31.4981, -6.8626,
-13.5634

33.1865, -6.8065,
-10.8506

■ 34.9715, -6.4312,
-8.1527

■ 36.8467, -5.7645,
-5.4796

■ 38.8060, -4.8343,
-2.8380

■ 40.8434, -3.6678,
-0.2320

Harmonies

Analogous

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



25.7679, -11.9739, -18.0728



25.7675, -3.6425, -24.3440



25.7679, 6.6700, -21.8769

Triad

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



25.7679, -3.6421, -24.3434



25.7679, 18.9124, 7.6339



25.7679, -15.0899, 10.1726

Complementary

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



25.7675, -3.6425, -24.3440



23.6197, 22.4209, 14.9459

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.



25.7679, -8.5423, 13.2281



25.7675, -3.6425, -24.3440



25.7679, 11.2704, 12.2037

Square

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



25.7679, -3.6421, -24.3434



25.7679, 20.7580, -0.8890



25.7679, 0.9706, 13.7940



25.7679, -17.8951, 3.5013

Rectangle

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



25.7675, -3.6425, -24.3440



25.7679, 13.2184, -15.9405



25.7679, 0.9706, 13.7940



25.7679, -13.3067, 11.5343

Sweetspot

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



25.7679, -3.6421, -24.3434



49.1090, -7.7960, -7.6081



36.5494, -29.7313, 18.4993



23.4848, -3.9592, -4.2971



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



25.7679, -3.6421, -24.3434



34.0932, -4.2600, -33.4174



13.2671, 24.4653, -69.3924



19.8698, -1.7154, 0.0087



26.5240, -3.6981, -25.1695



57.1205, -5.8821, -58.6978

Inverse Universe

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



21.1142, 38.6927, -6.0283



28.2059, 51.6098, -7.4045



36.4129, -3.5424, 22.3748



19.3314, 1.0213, 0.2255



21.7582, 39.8691, -6.1532



47.8572, 87.3847, -11.1505

Previews

White Background



This preview shows how the HunterLab color 25.7675, -3.6425, -24.3440 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 25.7675, -3.6425, -24.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

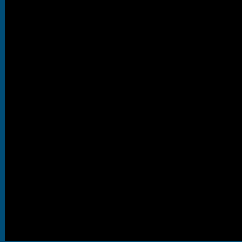
Any Text WCAG AA × Fail

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 25.7675, -3.6425, -24.3440 Background



This preview shows how black text looks on a background with the HunterLab color 25.7675, -3.6425, -24.3440.



This preview shows how white text looks on a background with the HunterLab color 25.7675, -3.6425, -24.3440.

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

25.7675, -3.6425, -24.3440

Protanopia

25.9220, 3.1279, -20.3843

Deuteranopia

26.0559, 1.5186, -24.3518



Tritanopia

25.6378, -12.4025, -5.2715

Trichromacy



Original Color

25.7675, -3.6425, -24.3440

Protanomaly

25.5609, -0.5360, -22.5850

Deuteranomaly

25.7587, -0.8306, -25.0426

Tritanomaly

25.7647, -9.6108, -11.4566

Monochromacy



Original Color

25.7675, -3.6425, -24.3440

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

22.1418, -4.6250, -7.2824

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.7675, -3.6425, -24.3440 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, 77, 119)` looks like.

```
.text, #text, p{  
    color:rgb(0, 77, 119)  
}
```

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, 77, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 77, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 25.7675, -3.6425, -24.3440 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, 77, 119) }
```


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

```
.border{ border-color:rgb(0, 77, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 77, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 77, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 77, 119);  
box-shadow:4px 4px 4px 4px rgb(0, 77, 119)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.7675, -3.6425, -24.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 77, 119) }
```

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

```
.background{ background-color: rgb(0, 77,  
119) }
```

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