

Converting Colors

HunterLab(24.3451, -6.5212,
-16.3518)

Have a look what the booklet for
HunterLab(24.3451, -6.5212,
-16.3518) contains.

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Color

**HunterLab(24.2422, -6.3665,
-16.5572)**

Conversions

Conversions Part 1

Format	Color
Hex	004A67
RGB	0, 74, 103
RGB Percent	0%, 29%, 40%
CMY	1.0000, 0.7098, 0.5961
CMYK	1.00, 0.28, 0.00, 0.60
HSL	197°, 100%, 20%
HSV	197°, 100%, 40%
XYZ	4.8970, 5.8768, 13.7082
YIQ	55.1800, -53.4130, -6.6690

Conversions

Conversions Part 2

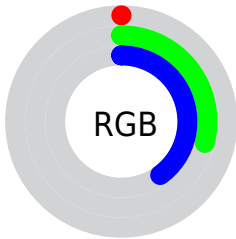
Format	Color
RYB	0, 43, 103
Decimal	19047
CIELab	29.10, -8.34, -22.48
CIELCh	29, 23.979, 249.640
Yxy	5.8770, 0.2000, 0.2400
Android (android.graphics.Color)	4278209127 (0xFF004A67)
YUV	55.1800, 23.5753, -48.3929
Hunter-Lab	24.2422, -6.3665, -16.5572

Details

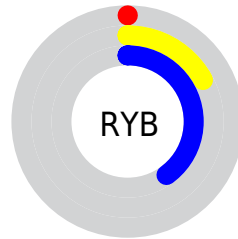
The HunterLab color **24.2422, -6.3665, -16.5572** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **19.3980, 21.5712, 12.3297**, and the grayscale version is **19.5438, -1.0428, 1.0619**.

A 20% lighter version of the original color is **42.1476, -8.6649, -17.1866**, and **11.0185, -0.1974, -13.3461** is the 20% darker color. If you saturate the color by 10%, you get **24.2417, -6.3656, -16.5585**, and if you desaturate by 10%, it is **25.1789, -7.0269, -14.8244**.

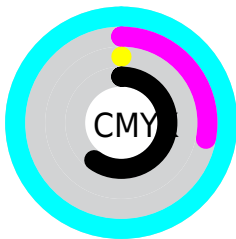
Distribution



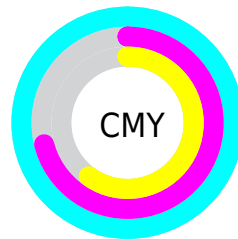
- Red (0%)
- Green (29%)
- Blue (40%)



- Red (0%)
- Yellow (17%)
- Blue (40%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (71%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.2422, -6.3665, -16.5572 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 24.2422, -6.3665, -16.5572 by changing the saturation by 10% instead.

■ 24.2422, -6.3665,
-16.5572

■ 24.2422, -6.3665,
-16.5572

■ 125.6888,
-15.7477, -18.9919

■ 16.6447, -5.3077,
-16.0679

■ 42.0422, -8.4204,
-17.5041

■ 10.0653, -4.2449,
-15.7496

■ 52.0923, -9.4410,
-17.8975

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 62.8359, -10.4660,
-18.2281

0.0000, NaN, NaN

■ 74.2309, -11.4989,
-18.4962

0.0000, NaN, NaN

■ 86.2418, -12.5421,
-18.7038

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.8386, -13.5972,

-18.8538

0.0000, NaN, NaN

■ 111.9952,
-14.6655, -18.9489

■ 24.2422, -6.3665,
-16.5572

■ 24.2422, -6.3665,
-16.5572

■ 24.2417, -6.3656,
-16.5585

■ 25.1789, -7.0269,
-14.8244

■ 26.1587, -7.5415,
-13.0978

■ 27.2216, -7.7625,
-11.3110

■ 28.3677, -7.6910,
-9.4745

■ 29.5950, -7.3370,
-7.5998

■ 30.9006, -6.7165,
-5.6982

■ 32.2810, -5.8484,
-3.7796

■ 33.7321, -4.7532,
-1.8523

■ 35.2499, -3.4516,
0.0769

Harmonies

Analogous

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



24.2426, -11.9373, -9.8533



24.2422, -6.3665, -16.5572



24.2426, 1.3068, -17.7337

Triad

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



24.2426, -6.3662, -16.5567



24.2426, 15.6090, 3.6210



24.2426, -10.2605, 10.0309

Complementary

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



24.2422, -6.3665, -16.5572



19.3980, 21.5712, 12.3297

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.



24.2426, -3.7911, 11.6938



24.2422, -6.3665, -16.5572



24.2426, 11.5743, 8.8582

Square

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



24.2426, -6.3662, -16.5567



24.2426, 14.6880, -4.2776



24.2426, 4.2311, 11.3473



24.2426, -13.9774, 5.8358

Rectangle

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



24.2422, -6.3665, -16.5572



24.2426, 6.7006, -14.9385



24.2426, 4.2311, 11.3473



24.2426, -8.3720, 10.8321

Sweetspot

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



24.2426, -6.3662, -16.5567



43.0278, -7.9420, -5.2867



31.2762, -25.8903, 16.7984



20.9664, -4.1132, -3.0051



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.



24.2426, -6.3662, -16.5567



32.1254, -8.0615, -22.7516



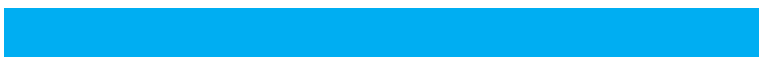
12.7841, 16.3859, -51.3485



17.4975, -1.6302, 0.1407



27.0797, -6.9782, -18.7833



60.5910, -14.0959, -45.3044

Inverse Universe

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



18.3800, 34.1631, -8.9753



24.5524, 45.5690, -11.4393



29.1053, 0.5050, 17.9428



16.9604, 0.8899, 0.0891



20.6005, 38.2687, -9.8638



46.8818, 86.8079, -20.2596

Previews

White Background



This preview shows how the HunterLab color 24.2422, -6.3665, -16.5572 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 24.2422, -6.3665, -16.5572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

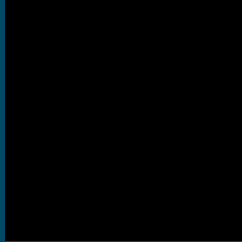
Any Text WCAG AA × Fail

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 24.2422, -6.3665, -16.5572 Background



This preview shows how black text looks on a background with the HunterLab color 24.2422, -6.3665, -16.5572.



This preview shows how white text looks on a background with the HunterLab color 24.2422, -6.3665, -16.5572.

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

24.2422, -6.3665, -16.5572

Protanopia

24.3842, 1.8012, -13.0396

Deuteranopia

24.4659, 1.2736, -16.6402



Tritanopia

24.3248, -11.9177, -4.6770

Trichromacy



Original Color

24.2422, -6.3665, -16.5572

Protanomaly

23.9008, -2.3207, -15.2215

Deuteranomaly

24.1439, -2.4831, -17.3276

Tritanomaly

24.3045, -9.9981, -8.7954

Monochromacy



Original Color

24.2422, -6.3665, -16.5572

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

20.6651, -5.1935, -4.9473

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.2422, -6.3665, -16.5572 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, 74, 103)` looks like.

```
.text, #text, p{  
    color:rgb(0, 74, 103)  
}
```

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, 74, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 74, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 24.2422, -6.3665, -16.5572 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, 74, 103) }
```


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

```
.border{ border-color:rgb(0, 74, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 74, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 74, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 74, 103);  
box-shadow:4px 4px 4px 4px rgb(0, 74, 103)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.2422, -6.3665, -16.5572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 74, 103) }
```

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

```
.background{ background-color: rgb(0, 74,  
103) }
```

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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