

Converting Colors

HunterLab(14.3281, -5.3892,
-24.0124)

Have a look what the booklet for
HunterLab(14.3281, -5.3892,
-24.0124) contains.

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Color

**HunterLab(15.7670, 0.2734,
-20.2976)**

Conversions

Conversions Part 1

Format	Color
Hex	002D52
RGB	0, 45, 82
RGB Percent	0%, 18%, 32%
CMY	1.0000, 0.8235, 0.6784
CMYK	1.00, 0.45, 0.00, 0.68
HSL	207°, 100%, 16%
HSV	207°, 100%, 32%
XYZ	2.4614, 2.4860, 8.3328
YIQ	35.7630, -38.6970, 1.9670

Conversions

Conversions Part 2

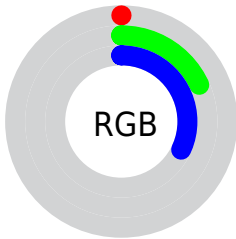
Format	Color
RYB	0, 29, 82
Decimal	11602
CIELab	17.86, 2.00, -26.54
CIELCh	18, 26.617, 274.313
Yxy	2.4861, 0.1853, 0.1872
Android (android.graphics.Color)	4278201682 (0xFF002D52)
YUV	35.7630, 22.7948, -31.3642
Hunter-Lab	15.7670, 0.2734, -20.2976

Details

The HunterLab color **15.7670, 0.2734, -20.2976** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **17.6561, 10.9716, 11.0711**, and the grayscale version is **13.1461, -0.7014, 0.7143**.

A 20% lighter version of the original color is **31.5759, -0.1661, -21.5358**, and **4.2070, 7.7272, -21.9392** is the 20% darker color. If you saturate the color by 10%, you get **15.7664, 0.2745, -20.2993**, and if you desaturate by 10%, it is **16.8340, -0.7073, -17.7548**.

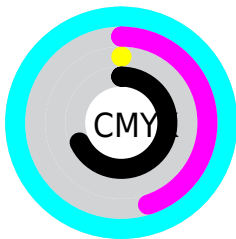
Distribution



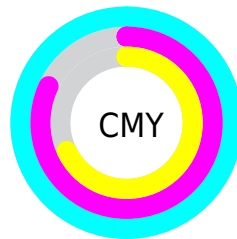
- Red (0%)
- Green (18%)
- Blue (32%)



- Red (0%)
- Yellow (11%)
- Blue (32%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (68%)



- Cyan (100%)
- Magenta (82%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7670, 0.2734, -20.2976 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 15.7670, 0.2734, -20.2976 by changing the saturation by 10% instead.

■ 15.7670, 0.2734,
-20.2976

■ 15.7670, 0.2734,
-20.2976

■ 110.3280, -3.7794,
-23.9898

■ 9.3255, 0.4457,
-20.2887

■ 31.6342, -0.2893,
-21.2732

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 40.8423, -0.6587,
-21.8125

0.0000, NaN, NaN

■ 50.8027, -1.0774,
-22.3143

0.0000, NaN, NaN

■ 61.4624, -1.5408,
-22.7639

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.7783, -2.0453,
-23.1563

0.0000, NaN, NaN

■ 84.7143, -2.5881,

0.0000, NaN, NaN

-23.4906

■ 97.2397, -3.1668,
-23.7679

■ 15.7670, 0.2734,
-20.2976

■ 15.7670, 0.2734,
-20.2976

■ 15.7664, 0.2745,
-20.2993

■ 16.8340, -0.7073,
-17.7548

■ 17.9302, -1.6148,
-15.3764

■ 19.1026, -2.2816,
-13.0456

■ 20.3478, -2.7162,
-10.7697

■ 21.6601, -2.9377,
-8.5556

■ 23.0341, -2.9670,
-6.4060

■ 24.4645, -2.8245,
-4.3207

■ 25.9466, -2.5295,
-2.2973

■ 27.4760, -2.0993,
-0.3319

Harmonies

Analogous

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



15.7672, -6.6986, -17.5529



15.7670, 0.2734, -20.2976



15.7672, 8.2867, -15.5186

Triad

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



15.7672, 0.2738, -20.2972



15.7672, 13.1611, 6.8628



15.7672, -11.9838, 5.7795

Complementary

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



15.7670, 0.2734, -20.2976



17.6561, 10.9716, 11.0711

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.



15.7672, -8.2742, 8.7235



15.7670, 0.2734, -20.2976



15.7672, 6.0176, 9.2497

Square

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



15.7672, 0.2738, -20.2972



15.7672, 16.5698, 1.8699



15.7672, -1.9279, 9.9214



15.7672, -12.9446, -0.2252

Rectangle

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



15.7670, 0.2734, -20.2976



15.7672, 12.8950, -9.6171



15.7672, -1.9279, 9.9214



15.7672, -11.0567, 7.0120

Sweetspot

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



15.7672, 0.2738, -20.2972



32.1204, -3.7624, -6.0003



24.8348, -19.3840, 10.8041



15.7234, -1.8966, -3.2968



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



15.7672, 0.2738, -20.2972



20.4159, 1.0926, -27.8768



8.3569, 18.8599, -51.1557



14.1251, -1.0389, -0.0433



19.9345, 1.0063, -27.0887



45.9293, 5.9236, -70.1950

Inverse Universe

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



14.0835, 25.4613, -1.3278



18.5618, 33.4760, -1.0936



26.8860, -5.9070, 16.4632



13.8539, 0.5571, 0.3471



18.0975, 32.6454, -1.1183



43.2496, 77.6295, 0.3256

Previews

White Background



This preview shows how the HunterLab color 15.7670, 0.2734, -20.2976 looks on a white background.

Color Contrast Check

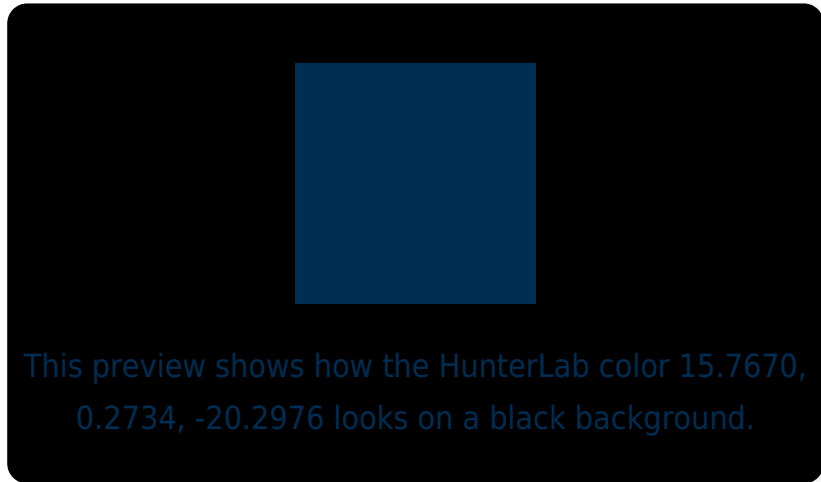
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

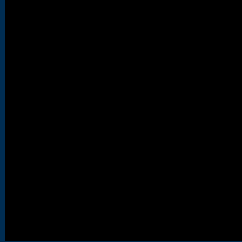
Any Text WCAG AA × Fail

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 15.7670, 0.2734, -20.2976 Background



This preview shows how black text looks on a background with the HunterLab color 15.7670, 0.2734, -20.2976.



This preview shows how white text looks on a background with the HunterLab color 15.7670, 0.2734, -20.2976.

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

15.7670, 0.2734, -20.2976

Protanopia

15.9372, 3.0654, -18.3602

Deuteranopia

15.6715, -0.2443, -19.0606



Tritanopia

15.9319, -7.9018, -2.8557

Trichromacy



Original Color

15.7670, 0.2734, -20.2976

Protanomaly

15.8575, 1.7081, -19.3046

Deuteranomaly

15.7189, 0.0134, -19.6763

Tritanomaly

15.7609, -5.1304, -8.6247

Monochromacy



Original Color

15.7670, 0.2734, -20.2976

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.7486, -1.7099, -6.0831

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7670, 0.2734, -20.2976 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, 45, 82)` looks like.

```
.text, #text, p{  
    color:rgb(0, 45, 82)  
}
```

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, 45, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 45, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7670, 0.2734, -20.2976 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, 45, 82) }
```


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

```
.border{ border-color:rgb(0, 45, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 45, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 45, 82); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 45, 82); box-shadow:4px  
4px 4px 4px rgb(0, 45, 82) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.7670, 0.2734, -20.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 45, 82) }
```

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

```
.background{ background-color: rgb(0, 45,  
82) }
```

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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