

Converting Colors

HunterLab(14.4791, -4.2860,
-20.4419)

Have a look what the booklet for
HunterLab(14.4791, -4.2860,
-20.4419) contains.

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Color

**HunterLab(15.5783, -0.7530,
-17.8461)**

Conversions

Conversions Part 1

Format	Color
Hex	002D4E
RGB	0, 45, 78
RGB Percent	0%, 18%, 31%
CMY	1.0000, 0.8235, 0.6941
CMYK	1.00, 0.42, 0.00, 0.69
HSL	205°, 100%, 15%
HSV	205°, 100%, 31%
XYZ	2.3135, 2.4268, 7.5542
YIQ	35.3070, -37.4130, 0.7230

Conversions

Conversions Part 2

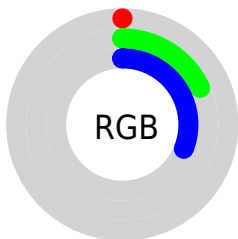
Format	Color
RYB	0, 29, 78
Decimal	11598
CIELab	17.58, 0.14, -24.28
CIElCh	18, 24.277, 270.342
Yxy	2.4269, 0.1882, 0.1974
Android (android.graphics.Color)	4278201678 (0xFF002D4E)
YUV	35.3070, 21.0476, -30.9642
Hunter-Lab	15.5783, -0.7530, -17.8461

Details

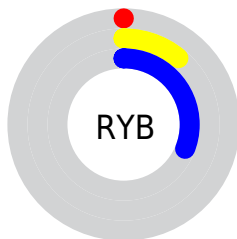
The HunterLab color **15.5783, -0.7530, -17.8461** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **16.4552, 11.1872, 10.3349**, and the grayscale version is **13.0062, -0.6940, 0.7067**.

A 20% lighter version of the original color is **31.3134, -1.4971, -18.7488**, and **3.9863, 6.9248, -19.9312** is the 20% darker color. If you saturate the color by 10%, you get **15.5779, -0.7521, -17.8473**, and if you desaturate by 10%, it is **16.5500, -1.5440, -15.6508**.

Distribution



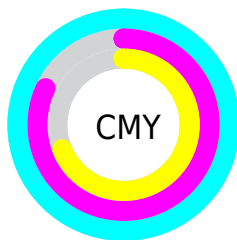
- Red (0%)
- Green (18%)
- Blue (31%)



- Red (0%)
- Yellow (11%)
- Blue (31%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (82%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.5783, -0.7530, -17.8461 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 15.5783, -0.7530, -17.8461 by changing the saturation by 10% instead.

■ 15.5783, -0.7530,
-17.8461

■ 15.5783, -0.7530,
-17.8461

■ 109.9665, -5.7213,
-21.1487

■ 9.1634, -0.4206,
-17.7033

■ 31.3961, -1.5767,
-18.8351

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 40.5829, -2.0584,
-19.3346

0.0000, NaN, NaN

■ 50.5237, -2.5811,
-19.7848

0.0000, NaN, NaN

■ 61.1651, -3.1417,
-20.1764

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.4638, -3.7379,
-20.5072

0.0000, NaN, NaN

■ 84.3834, -4.3677,

0.0000, NaN, NaN

-20.7782

■ 96.8932, -5.0293,
-20.9912

■ 15.5783, -0.7530,
-17.8461

■ 15.5783, -0.7530,
-17.8461

■ 15.5779, -0.7521,
-17.8473

■ 16.5500, -1.5440,
-15.6508

■ 17.5422, -2.2847,
-13.5918

■ 18.6012, -2.8101,
-11.5616

■ 19.7257, -3.1225,
-9.5644

■ 20.9112, -3.2381,
-7.6077

■ 22.1533, -3.1746,
-5.6955

■ 23.4474, -2.9500,
-3.8294

■ 24.7895, -2.5812,
-2.0092

■ 26.1758, -2.0840,
-0.2333

Harmonies

Analogous

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



15.5785, -6.8811, -14.6356



15.5783, -0.7530, -17.8461



15.5785, 6.4704, -14.4955

Triad

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



15.5785, -0.7527, -17.8457



15.5785, 12.3852, 5.9802



15.5785, -10.7853, 5.8985

Complementary

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



15.5783, -0.7530, -17.8461



16.4552, 11.1872, 10.3349

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.



15.5785, -6.9964, 8.4127



15.5783, -0.7530, -17.8461



15.5785, 6.3090, 8.4512

Square

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



15.5785, -0.7527, -17.8457



15.5785, 14.8198, 0.9232



15.5785, -0.9113, 9.2974



15.5785, -12.0240, 0.7724

Rectangle

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



15.5783, -0.7530, -17.8461



15.5785, 10.7838, -9.5779



15.5785, -0.9113, 9.2974



15.5785, -9.8045, 6.9535

Sweetspot

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



15.5785, -0.7527, -17.8457



30.7696, -3.9389, -5.3308



23.5710, -18.5905, 10.6707



15.1694, -2.0048, -2.9292



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



15.5785, -0.7527, -17.8457



20.1772, -0.3286, -24.5104



8.3145, 16.4895, -45.9861



13.3762, -1.0182, 0.0025



47.2184, 2.4932, -64.4009

Inverse Universe

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



13.4510, 24.4416, -2.2269



17.7170, 32.1140, -2.2963



24.8801, -4.6033, 15.2500



13.1019, 0.5184, 0.2985



42.9153, 77.4010, -2.5575

Previews

White Background



This preview shows how the HunterLab color 15.5783, -0.7530, -17.8461 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 15.5783, -0.7530, -17.8461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

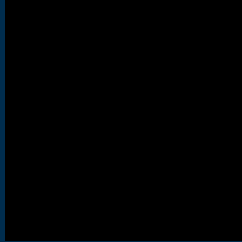
Any Text WCAG AA × Fail

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 15.5783, -0.7530, -17.8461 Background



This preview shows how black text looks on a background with the HunterLab color 15.5783, -0.7530, -17.8461.



This preview shows how white text looks on a background with the HunterLab color 15.5783, -0.7530, -17.8461.

-17.8461.

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

15.5783, -0.7530, -17.8461

Protanopia

15.8454, 2.4056, -15.7784

Deuteranopia

15.8272, 0.1046, -17.2463



Tritanopia

15.6351, -7.7460, -2.8212

Trichromacy



Original Color

15.5783, -0.7530, -17.8461

Protanomaly

15.7028, 0.8214, -16.8199

Deuteranomaly

15.7431, -0.1835, -17.4473

Tritanomaly

15.6551, -5.7411, -7.1742

Monochromacy



Original Color

15.5783, -0.7530, -17.8461

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.6405, -2.2274, -5.2473

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.5783, -0.7530, -17.8461 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, 78)` looks like.

```
.text, #text, p{  
    color:rgb(0, 45, 78)  
}
```

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, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 45, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 15.5783, -0.7530, -17.8461 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, 78) }
```

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

```
.border{ border-color:rgb(0, 45, 78) }
```

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, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 45, 78); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 45, 78); box-shadow:4px  
4px 4px 4px rgb(0, 45, 78) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.5783, -0.7530, -17.8461 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, 78) }
```

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

```
.background{ background-color: rgb(0, 45,  
78) }
```

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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