

Converting Colors

HunterLab(16.6831, -8.8399,
-21.6816)

Have a look what the booklet for
HunterLab(16.6831, -8.8399,
-21.6816) contains.

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Color

**HunterLab(18.4946, -2.5764,
-17.5550)**

Conversions

Conversions Part 1

Format	Color
Hex	003757
RGB	0, 55, 87
RGB Percent	0%, 22%, 34%
CMY	1.0000, 0.7843, 0.6588
CMYK	1.00, 0.37, 0.00, 0.66
HSL	202°, 100%, 17%
HSV	202°, 100%, 34%
XYZ	3.0865, 3.4205, 9.5144
YIQ	42.2030, -43.0520, -1.7080

Conversions

Conversions Part 2

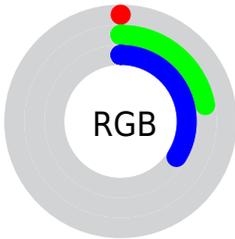
Format	Color
RYB	0, 34, 87
Decimal	14167
CIELab	21.66, -2.79, -23.83
CIELCh	22, 23.990, 263.331
Yxy	3.4206, 0.1927, 0.2135
Android (android.graphics.Color)	4278204247 (0xFF003757)
YUV	42.2030, 22.0849, -37.0120
Hunter-Lab	18.4946, -2.5764, -17.5550

Details

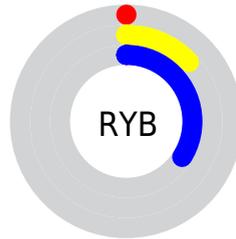
The HunterLab color **18.4946, -2.5764, -17.5550** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **17.4919, 14.7722, 11.0363**, and the grayscale version is **15.2236, -0.8123, 0.8271**.

A 20% lighter version of the original color is **35.1648, -4.0942, -18.3071**, and **6.3758, 3.8929, -16.3729** is the 20% darker color. If you saturate the color by 10%, you get **18.4941, -2.5755, -17.5563**, and if you desaturate by 10%, it is **19.4698, -3.3361, -15.5198**.

Distribution



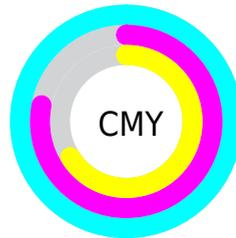
- Red (0%)
- Green (22%)
- Blue (34%)



- Red (0%)
- Yellow (13%)
- Blue (34%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (66%)



- Cyan (100%)
- Magenta (78%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.4946, -2.5764, -17.5550 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 18.4946, -2.5764, -17.5550 by changing the saturation by 10% instead.

■ 18.4946, -2.5764,
-17.5550

■ 18.4946, -2.5764,
-17.5550

■ 115.4440, -9.1261,
-20.6362

■ 11.6407, -1.9744,
-17.2004

■ 35.0406, -3.8487,
-18.5704

■ 4.2808, -3.0646,
-27.1307

■ 44.5416, -4.5243,
-19.0414

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 54.7734, -5.2267,
-19.4564

0.0000, NaN, NaN

■ 65.6871, -5.9556,
-19.8105

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 77.2426, -6.7106,
-20.1036

0.0000, NaN, NaN

■ 89.4059, -7.4910,

-20.3372

0.0000, NaN, NaN

■ 102.1481, -8.2964,
-20.5139

■ 18.4946, -2.5764,
-17.5550

■ 18.4946, -2.5764,
-17.5550

■ 18.4941, -2.5755,
-17.5563

■ 19.4698, -3.3361,
-15.5198

■ 20.4733, -4.0132,
-13.5674

■ 21.5503, -4.4440,
-11.6064

■ 22.6988, -4.6340,
-9.6466

■ 23.9154, -4.5976,
-7.6983

■ 25.1958, -4.3523,
-5.7690

■ 26.5358, -3.9167,
-3.8641

■ 27.9314, -3.3091,
-1.9870

■ 29.3784, -2.5470,
-0.1392

Harmonies

Analogous

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



18.4949, -8.5851, -13.0671



18.4946, -2.5764, -17.5550



18.4949, 4.8515, -15.7369

Triad

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



18.4949, -2.5761, -17.5546



18.4949, 13.6006, 5.5189



18.4949, -10.8772, 7.2950

Complementary

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



18.4946, -2.5764, -17.5550



17.4919, 14.7722, 11.0363

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.



18.4949, -6.1820, 9.5029



18.4946, -2.5764, -17.5550



18.4949, 8.0763, 8.7874

Square

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



18.4949, -2.5761, -17.5546



18.4949, 14.9598, -0.5973



18.4949, 0.6559, 9.9187



18.4949, -12.8779, 2.4788

Rectangle

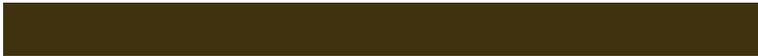
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.4946, -2.5764, -17.5550



18.4949, 9.5611, -11.4406



18.4949, 0.6559, 9.9187



18.4949, -9.5999, 8.2785

Sweetspot

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



18.4949, -2.5761, -17.5546



34.4913, -5.1821, -5.2886



26.3064, -21.1491, 12.7751



16.8198, -2.6374, -2.9155



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



18.4949, -2.5761, -17.5546



23.8153, -2.8182, -23.6833



9.7039, 16.9957, -48.8153



14.9909, -1.2397, 0.0425



22.7205, -2.7701, -22.4187



52.2021, -3.9009, -56.8270

Inverse Universe

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



15.1732, 27.7999, -4.2876



19.7785, 36.1667, -5.0133



26.6703, -3.3439, 16.3751



14.6241, 0.6575, 0.2347



18.8302, 34.4445, -4.8649



44.4319, 80.9247, -8.7593

Previews

White Background



This preview shows how the HunterLab color 18.4946, -2.5764, -17.5550 looks on a white background.

Color Contrast Check

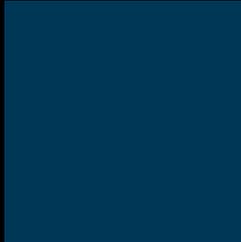
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4946, -2.5764, -17.5550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

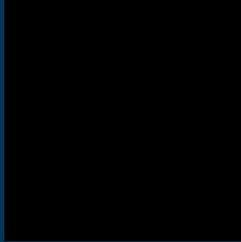
Any Text WCAG AA × Fail

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 18.4946, -2.5764, -17.5550 Background



This preview shows how black text looks on a background with the HunterLab color 18.4946, -2.5764, -17.5550.



This preview shows how white text looks on a background with the HunterLab color 18.4946, -2.5764, -17.5550.

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

18.4946, -2.5764, -17.5550

Protanopia

18.5980, 2.5731, -15.2341

Deuteranopia

18.7403, 0.9345, -17.6455



Tritanopia

18.3984, -8.8129, -3.9719

Trichromacy



Original Color

18.4946, -2.5764, -17.5550

Protanomaly

18.2168, 0.1482, -16.7441

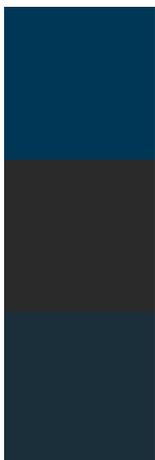
Deuteranomaly

18.6320, -0.7029, -17.9107

Tritanomaly

18.4232, -6.7314, -8.4962

Monochromacy



Original Color

18.4946, -2.5764, -17.5550

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

16.0360, -3.2156, -4.9753

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.4946, -2.5764, -17.5550 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, 55, 87)` looks like.

```
.text, #text, p{  
    color:rgb(0, 55, 87)  
}
```

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, 55, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 55, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 18.4946, -2.5764, -17.5550 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, 55, 87) }
```

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

```
.border{ border-color:rgb(0, 55, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 55, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 55, 87); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 55, 87); box-shadow:4px  
4px 4px 4px rgb(0, 55, 87) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.4946, -2.5764, -17.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 55, 87) }
```

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

```
.background{ background-color: rgb(0, 55,  
87) }
```

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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