

Converting Colors

HunterLab(18.0142, -2.6809,
-14.1999)

Have a look what the booklet for
HunterLab(18.0142, -2.6809,
-14.1999) contains.

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Color

**HunterLab(17.8985, -2.6732,
-14.1583)**

Conversions

Conversions Part 1

Format	Color
Hex	0C3550
RGB	12, 53, 80
RGB Percent	5%, 21%, 31%
CMY	0.9529, 0.7922, 0.6863
CMYK	0.85, 0.34, 0.00, 0.69
HSL	204°, 74%, 18%
HSV	204°, 85%, 31%
XYZ	2.8727, 3.2036, 8.0564
YIQ	43.8190, -33.1030, -0.2950

Conversions

Conversions Part 2

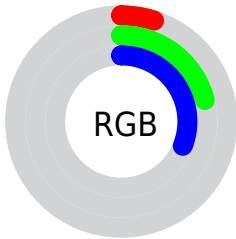
Format	Color
R_{YB}	12, 38, 80
Decimal	800080
CIE Lab	20.84, -3.05, -20.44
CIE LCh	21, 20.670, 261.511
Yxy	3.2037, 0.2033, 0.2267
Android (android.graphics.Color)	4278990160 (0xFF0C3550)
YUV	43.8190, 17.8372, -27.9053
Hunter-Lab	17.8985, -2.6732, -14.1583

Details

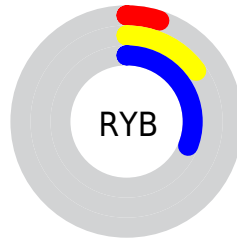
The HunterLab color **17.8985, -2.6732, -14.1583** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **17.8423, 9.7978, 10.0094**, and the grayscale version is **15.7629, -0.8411, 0.8564**.

A 20% lighter version of the original color is **34.2081, -3.8273, -14.9850**, and **5.4867, 3.5829, -14.5925** is the 20% darker color. If you saturate the color by 10%, you get **16.9447, -1.9352, -16.1485**, and if you desaturate by 10%, it is **18.9039, -3.2492, -12.2121**.

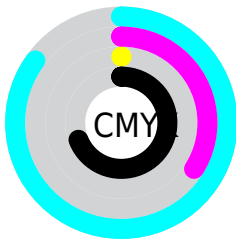
Distribution



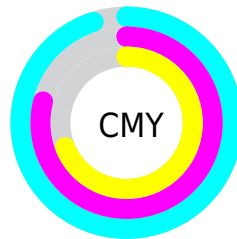
- Red (5%)
- Green (21%)
- Blue (31%)



- Red (5%)
- Yellow (15%)
- Blue (31%)



- Cyan (85%)
- Magenta (34%)
- Yellow (0%)
- Black (69%)



- Cyan (95%)
- Magenta (79%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8985, -2.6732, -14.1583 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 17.8985, -2.6732, -14.1583 by changing the saturation by 10% instead.

■ 17.8985, -2.6732,
-14.1583

■ 17.8985, -2.6732,
-14.1583

■ 114.3422, -9.3370,
-16.4722

■ 11.1309, -2.0496,
-13.7428

■ 34.3016, -3.9794,
-15.0822

■ 3.0527, -4.5184,
-29.8873

■ 43.7406, -4.6691,
-15.4696

0.0000, NaN, -NF

■ 53.9149, -5.3844,
-15.7915

0.0000, NaN, NaN

■ 64.7748, -6.1253,
-16.0477

0.0000, NaN, NaN

■ 76.2794, -6.8914,
-16.2408

0.0000, NaN, NaN

■ 88.3944, -7.6824,

0.0000, NaN, NaN

-16.3737

0.0000, NaN, NaN

■ 101.0905, -8.4978,
-16.4498

■ 17.8985, -2.6732,
-14.1583

■ 17.8985, -2.6732,
-14.1583

■ 16.9447, -1.9352,
-16.1485

■ 18.9039, -3.2492,
-12.2121

■ 16.4688, -1.5667,
-17.2026

■ 19.9765, -3.6019,
-10.2791

■ 21.1131, -3.7440,
-8.3686

■ 22.3095, -3.6919,
-6.4875

■ 23.5615, -3.4630,
-4.6403

■ 24.8650, -3.0746,
-2.8291

■ 26.2161, -2.5432,
-1.0546

■ 27.6112, -1.8839,
0.6839

■ 29.0472, -1.1105,
2.3880

Harmonies

Analogous

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



17.8988, -7.7542, -10.2946



17.8985, -2.6732, -14.1583



17.8988, 3.6029, -13.0177

Triad

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



17.8988, -2.6730, -14.1579



17.8988, 11.4657, 4.6365



17.8988, -9.3239, 6.6688

Complementary

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



17.8985, -2.6732, -14.1583



17.8423, 9.7978, 10.0094

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.



17.8988, -5.0998, 8.6122



17.8985, -2.6732, -14.1583



17.8988, 7.0378, 7.7456

Square

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



17.8988, -2.6730, -14.1579



17.8988, 12.3465, -0.7721



17.8988, 0.8283, 8.9253



17.8988, -11.2389, 2.5607

Rectangle

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



17.8985, -2.6732, -14.1583



17.8988, 7.6004, -9.6979



17.8988, 0.8283, 8.9253



17.8988, -8.1565, 7.5300

Sweetspot

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



17.8988, -2.6730, -14.1579



32.6860, -4.1166, -3.9541



24.4049, -18.0498, 10.2528



16.4657, -2.1559, -2.2600



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.



17.8988, -2.6730, -14.1579



21.3765, -1.4512, -23.5861



10.7497, 11.8871, -35.0280



14.1765, -1.1231, 0.0185



49.5557, -0.5016, -60.8575

Inverse Universe

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



14.9185, 22.7391, -3.7954



18.2629, 33.2430, -3.4478



25.2498, -3.9170, 14.6730



13.8592, 0.5857, 0.2717



43.6519, 79.0863, -5.3674

Previews

White Background



This preview shows how the HunterLab color 17.8985, -2.6732, -14.1583 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 17.8985, -2.6732, -14.1583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

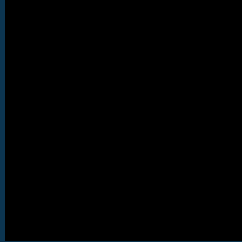
Any Text WCAG AA × Fail

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 17.8985, -2.6732, -14.1583 Background



This preview shows how black text looks on a background with the HunterLab color 17.8985, -2.6732, -14.1583.



This preview shows how white text looks on a background with the HunterLab color 17.8985, -2.6732, -14.1583.

-14.1583.

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

17.8985, -2.6732, -14.1583

Protanopia

17.8993, 2.1069, -12.1907

Deuteranopia

17.8847, 1.1688, -14.7660



Tritanopia

17.7612, -8.6727, -3.4781

Trichromacy



Original Color

17.8985, -2.6732, -14.1583

Protanomaly

17.6275, 0.0487, -13.3803

Deuteranomaly

17.8000, -0.3645, -14.9677

Tritanomaly

17.7861, -6.7445, -6.8600

Monochromacy



Original Color

17.8985, -2.6732, -14.1583

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.2343, -2.5634, -4.1785

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8985, -2.6732, -14.1583 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(12, 53, 80)` looks like.

```
.text, #text, p{  
    color:rgb(12, 53, 80)  
}
```

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(12, 53, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 53, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8985, -2.6732, -14.1583 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(12, 53, 80) }
```

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

```
.border{ border-color:rgb(12, 53, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 53, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 53, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 53, 80);  
box-shadow:4px 4px 4px 4px rgb(12, 53, 80)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.8985, -2.6732, -14.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 53, 80) }
```

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

```
.background{ background-color: rgb(12, 53,  
80) }
```

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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