

Converting Colors

HunterLab(13.1630, -6.0513,
-23.9037)

Have a look what the booklet for
HunterLab(13.1630, -6.0513,
-23.9037) contains.

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Color

**HunterLab(14.8046, 0.2260,
-18.9923)**

Conversions

Conversions Part 1

Format	Color
Hex	002A4D
RGB	0, 42, 77
RGB Percent	0%, 16%, 30%
CMY	1.0000, 0.8353, 0.6980
CMYK	1.00, 0.45, 0.00, 0.70
HSL	207°, 100%, 15%
HSV	207°, 100%, 30%
XYZ	2.1675, 2.1918, 7.3300
YIQ	33.4320, -36.2670, 1.9810

Conversions

Conversions Part 2

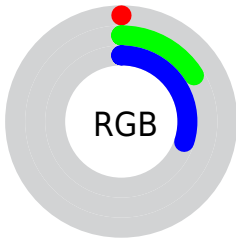
Format	Color
RYB	0, 27, 77
Decimal	10829
CIELab	16.46, 1.86, -25.39
CIELCh	16, 25.457, 274.198
Yxy	2.1918, 0.1854, 0.1875
Android (android.graphics.Color)	4278200909 (0xFF002A4D)
YUV	33.4320, 21.4790, -29.3199
Hunter-Lab	14.8046, 0.2260, -18.9923

Details

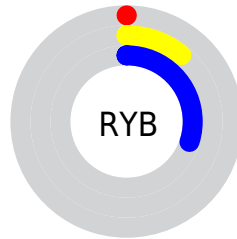
The HunterLab color **14.8046, 0.2260, -18.9923** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **16.6740, 10.0216, 10.4493**, and the grayscale version is **12.4116, -0.6623, 0.6743**.

A 20% lighter version of the original color is **30.4180, -0.5481, -19.7402**, and **3.8432, 6.3916, -18.6013** is the 20% darker color. If you saturate the color by 10%, you get **14.8041, 0.2270, -18.9938**, and if you desaturate by 10%, it is **15.8138, -0.6558, -16.5916**.

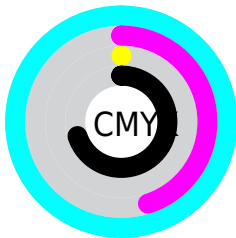
Distribution



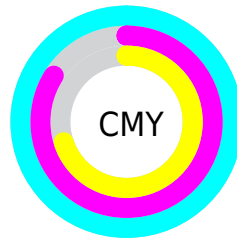
- Red (0%)
- Green (16%)
- Blue (30%)



- Red (0%)
- Yellow (11%)
- Blue (30%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (70%)



- Cyan (100%)
- Magenta (84%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.8046, 0.2260, -18.9923 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 14.8046, 0.2260, -18.9923 by changing the saturation by 10% instead.

■ 14.8046, 0.2260,
-18.9923

■ 14.8046, 0.2260,
-18.9923

■ 108.4731, -3.8374,
-22.5160

■ 8.4589, 0.5083,
-19.2263

■ 30.4157, -0.3381,
-19.9534

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 39.5140, -0.7086,
-20.4776

0.0000, NaN, NaN

■ 49.3731, -1.1286,
-20.9604

0.0000, NaN, NaN

■ 59.9383, -1.5933,
-21.3885

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.1652, -2.0992,
-21.7576

0.0000, NaN, NaN

■ 83.0168, -2.6434,

0.0000, NaN, NaN

-22.0676

■ 95.4618, -3.2234,
-22.3196

■ 14.8046, 0.2260,
-18.9923

■ 14.8046, 0.2260,
-18.9923

■ 14.8041, 0.2270,
-18.9938

■ 15.8138, -0.6558,
-16.5916

■ 16.8450, -1.4867,
-14.3592

■ 17.9449, -2.1011,
-12.1774

■ 19.1118, -2.5025,
-10.0490

■ 20.3405, -2.7086,
-7.9799

■ 21.6257, -2.7387,
-5.9721

■ 22.9628, -2.6115,
-4.0251

■ 24.3473, -2.3445,
-2.1364

■ 25.7754, -1.9537,
-0.3023

Harmonies

Analogous

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



14.8048, -6.2977, -16.3991



14.8046, 0.2260, -18.9923



14.8048, 7.7294, -14.5468

Triad

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



14.8048, 0.2263, -18.9919



14.8048, 12.3398, 6.4216



14.8048, -11.2219, 5.4325

Complementary

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



14.8046, 0.2260, -18.9923



16.6740, 10.0216, 10.4493

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.



14.8048, -7.7350, 8.3112



14.8046, 0.2260, -18.9923



14.8048, 5.6612, 8.8331

Square

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



14.8048, 0.2263, -18.9919



14.8048, 15.5124, 1.7292



14.8048, -1.7811, 9.5245



14.8048, -12.1323, -0.1810

Rectangle

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



14.8046, 0.2260, -18.9923



14.8048, 12.0493, -9.0327



14.8048, -1.7811, 9.5245



14.8048, -10.3495, 6.5855

Sweetspot

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



14.8048, 0.2263, -18.9919



29.7237, -3.4295, -5.5164



23.2962, -18.1479, 10.0588



15.0304, -1.7839, -3.1241



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.



14.8048, 0.2263, -18.9919



18.8956, 0.9802, -25.7338



7.8712, 17.5542, -47.7301



13.3485, -0.9728, -0.0308



19.3707, 1.0697, -26.5207



45.1626, 6.2126, -69.8606

Inverse Universe

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



13.2102, 23.8859, -1.2733



17.1659, 30.9620, -1.0380



25.2244, -5.5541, 15.4456



13.0991, 0.5030, 0.3391



17.6259, 31.7845, -1.0102



42.6914, 76.5889, 0.6201

Previews

White Background



This preview shows how the HunterLab color 14.8046, 0.2260, -18.9923 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

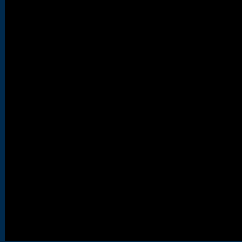
Any Text WCAG AA × Fail

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 14.8046, 0.2260, -18.9923 Background



This preview shows how black text looks on a background with the HunterLab color 14.8046, 0.2260, -18.9923.



This preview shows how white text looks on a background with the HunterLab color 14.8046, 0.2260, -18.9923.

-18.9923.

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

14.8046, 0.2260, -18.9923

Protanopia

14.8989, 2.7464, -17.2612

Deuteranopia

14.7103, -0.2856, -17.7701



Tritanopia

14.7504, -7.2815, -2.7181

Trichromacy



Original Color

14.8046, 0.2260, -18.9923

Protanomaly

14.8635, 1.5435, -18.0886

Deuteranomaly

14.7571, -0.0310, -18.3783

Tritanomaly

14.8072, -5.0841, -7.5326

Monochromacy



Original Color

14.8046, 0.2260, -18.9923

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.8177, -1.6183, -5.5710

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.8046, 0.2260, -18.9923 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, 42, 77)` looks like.

```
.text, #text, p{  
    color:rgb(0, 42, 77)  
}
```

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, 42, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 42, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 14.8046, 0.2260, -18.9923 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, 42, 77) }
```


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

```
.border{ border-color:rgb(0, 42, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 42, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 42, 77); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 42, 77); box-shadow:4px  
4px 4px 4px rgb(0, 42, 77) }
```

Background

The CSS property to change the background color of an element to HunterLab 14.8046, 0.2260, -18.9923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 42, 77) }
```

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

```
.background{ background-color: rgb(0, 42,  
77) }
```

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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