

Converting Colors

HunterLab(14.2351, -7.2597,
-31.1991)

Have a look what the booklet for
HunterLab(14.2351, -7.2597,
-31.1991) contains.

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Color

**HunterLab(16.6470, 1.5559,
-24.1659)**

Conversions

Conversions Part 1

Format	Color
Hex	002F5A
RGB	0, 47, 90
RGB Percent	0%, 18%, 35%
CMY	1.0000, 0.8157, 0.6471
CMYK	1.00, 0.48, 0.00, 0.65
HSL	209°, 100%, 18%
HSV	209°, 100%, 35%
XYZ	2.8620, 2.7712, 10.0569
YIQ	37.8490, -41.8150, 3.4090

Conversions

Conversions Part 2

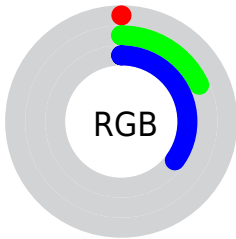
Format	Color
RYB	0, 31, 90
Decimal	12122
CIELab	19.10, 4.25, -29.88
CIELCh	19, 30.183, 278.088
Yxy	2.7713, 0.1824, 0.1766
Android (android.graphics.Color)	4278202202 (0xFF002F5A)
YUV	37.8490, 25.7104, -33.1936
Hunter-Lab	16.6470, 1.5559, -24.1659

Details

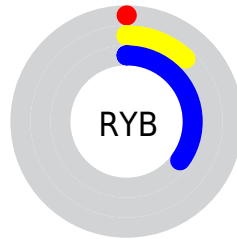
The HunterLab color **16.6470, 1.5559, -24.1659** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **19.7536, 11.3420, 12.3699**, and the grayscale version is **13.8042, -0.7366, 0.7500**.

A 20% lighter version of the original color is **32.6609, 1.5905, -25.5914**, and **4.9696, 8.8019, -25.2123** is the 20% darker color. If you saturate the color by 10%, you get **16.6461, 1.5576, -24.1685**, and if you desaturate by 10%, it is **17.8615, 0.2745, -21.0976**.

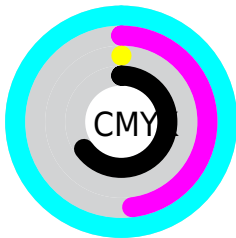
Distribution



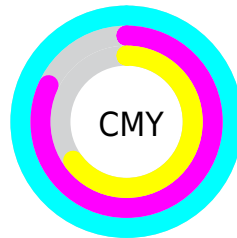
- Red (0%)
- Green (18%)
- Blue (35%)



- Red (0%)
- Yellow (12%)
- Blue (35%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (82%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.6470, 1.5559, -24.1659 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 16.6470, 1.5559, -24.1659 by changing the saturation by 10% instead.

■ 16.6470, 1.5559,
-24.1659

■ 16.6470, 1.5559,
-24.1659

■ 112.0000, -1.4571,
-28.3103

■ 10.0674, 1.5533,
-24.3466

■ 32.7404, 1.2844,
-25.0929

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.0457, 1.0422,
-25.6733

0.0000, NaN, NaN

■ 52.0961, 0.7418,
-26.2349

0.0000, NaN, NaN

■ 62.8399, 0.3895,
-26.7556

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.2351, -0.0099,
-27.2257

0.0000, NaN, NaN

■ 86.2462, -0.4528,

0.0000, NaN, NaN

-27.6418

■ 98.8432, -0.9361,
-28.0031

■ 16.6470, 1.5559,
-24.1659

■ 16.6470, 1.5559,
-24.1659

■ 16.6461, 1.5576,
-24.1685

■ 17.8615, 0.2745,
-21.0976

■ 19.1225, -0.8868,
-18.2236

■ 20.4762, -1.7619,
-15.4221

■ 21.9158, -2.3678,
-12.7057

■ 23.4341, -2.7284,
-10.0811

■ 25.0238, -2.8694,
-7.5492

■ 26.6785, -2.8158,
-5.1071

■ 28.3924, -2.5907,
-2.7495

■ 30.1601, -2.2146,
-0.4697

Harmonies

Analogous

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



16.6472, -6.7387, -21.9769



16.6470, 1.5559, -24.1659



16.6472, 10.8730, -17.3655

Triad

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



16.6472, 1.5564, -24.1655



16.6472, 14.6117, 8.0862



16.6472, -13.8472, 5.8589

Complementary

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



16.6470, 1.5559, -24.1659



19.7536, 11.3420, 12.3699

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.



16.6472, -10.0852, 9.3669



16.6470, 1.5559, -24.1659



16.6472, 5.8995, 10.4243

Square

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



16.6472, 1.5564, -24.1655



16.6472, 19.3672, 3.0134



16.6472, -3.2012, 10.8925



16.6472, -14.5358, -1.5185

Rectangle

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



16.6470, 1.5559, -24.1659



16.6472, 16.0250, -10.0305



16.6472, -3.2012, 10.8925



16.6472, -12.9443, 7.3617

Sweetspot

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



16.6472, 1.5564, -24.1655



35.0684, -3.7419, -7.0669



27.3489, -21.2686, 11.7302



16.9575, -1.8571, -3.8845



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



16.6472, 1.5564, -24.1655



21.5774, 2.8641, -33.1527



8.9641, 21.7138, -58.0747



15.6649, -1.1159, -0.1109



20.1740, 2.4881, -30.5869



45.2737, 9.4614, -77.0127

Inverse Universe

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



15.4243, 27.7422, -0.3476



20.3528, 36.5235, 0.2159



29.9836, -7.0792, 18.3514



15.3804, 0.6482, 0.4140



18.9488, 34.0229, 0.0545



44.1378, 78.8747, 3.0369

Previews

White Background



This preview shows how the HunterLab color 16.6470, 1.5559, -24.1659 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

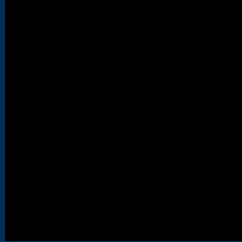
Any Text WCAG AA × Fail

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 16.6470, 1.5559, -24.1659 Background



This preview shows how black text looks on a background with the HunterLab color 16.6470, 1.5559, -24.1659.



This preview shows how white text looks on a background with the HunterLab color 16.6470, 1.5559, -24.1659.

-24.1659.

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

16.6470, 1.5559, -24.1659

Protanopia

16.9394, 3.6214, -22.5788

Deuteranopia

16.5952, -0.4605, -19.7484



Tritanopia

16.5575, -8.0418, -3.3355

Trichromacy



Original Color

16.6470, 1.5559, -24.1659

Protanomaly

16.6638, 2.7294, -23.3116

Deuteranomaly

16.6907, 0.0588, -20.9889

Tritanomaly

16.4273, -5.0164, -9.7037

Monochromacy



Original Color

16.6470, 1.5559, -24.1659

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

14.4065, -1.5690, -7.0809

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.6470, 1.5559, -24.1659 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, 47, 90)` looks like.

```
.text, #text, p{  
    color:rgb(0, 47, 90)  
}
```

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, 47, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 47, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 16.6470, 1.5559, -24.1659 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, 47, 90) }
```


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

```
.border{ border-color:rgb(0, 47, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 47, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 47, 90); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 47, 90); box-shadow:4px  
4px 4px 4px rgb(0, 47, 90) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.6470, 1.5559, -24.1659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 47, 90) }
```

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

```
.background{ background-color: rgb(0, 47,  
90) }
```

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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