

Converting Colors

HunterLab(18.9557, 5.8618,
-36.3469)

Have a look what the booklet for
HunterLab(18.9557, 5.8618,
-36.3469) contains.

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Color

**HunterLab(19.0416, 5.6047,
-35.8992)**

Conversions

Conversions Part 1

Format	Color
Hex	003470
RGB	0, 52, 112
RGB Percent	0%, 20%, 44%
CMY	0.9999, 0.7961, 0.5608
CMYK	1.00, 0.54, 0.00, 0.56
HSL	212°, 100%, 22%
HSV	212°, 100%, 44%
XYZ	4.1526, 3.6258, 15.8102
YIQ	43.2920, -50.2520, 7.6360

Conversions

Conversions Part 2

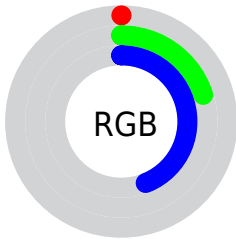
Format	Color
R_{YB}	0, 36, 112
Decimal	13424
CIE _{Lab}	22.39, 10.61, -38.92
CIE _{LCh}	22, 40.345, 285.251
Yxy	3.6259, 0.1760, 0.1537
Android (android.graphics.Color)	4278203504 (0xFF003470)
YUV	43.2920, 33.8730, -37.9671
Hunter-Lab	19.0416, 5.6047, -35.8992

Details

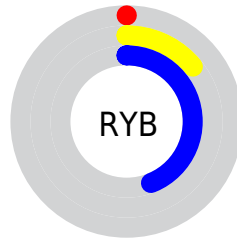
The HunterLab color **19.0416, 5.6047, -35.8992** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **25.8416, 12.1005, 16.1345**, and the grayscale version is **15.5440, -0.8294, 0.8445**.

A 20% lighter version of the original color is **35.7679, 5.9808, -36.0746**, and **7.1473, 11.7969, -34.3997** is the 20% darker color. If you saturate the color by 10%, you get **19.0400, 5.6080, -35.9044**, and if you desaturate by 10%, it is **20.6607, 3.4008, -31.1999**.

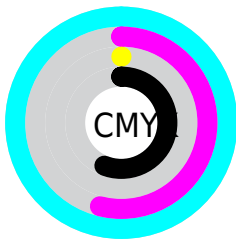
Distribution



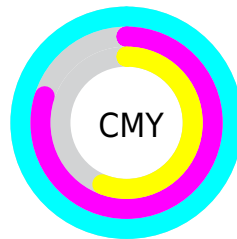
- Red (0%)
- Green (20%)
- Blue (44%)



- Red (0%)
- Yellow (14%)
- Blue (44%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (80%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.0416, 5.6047, -35.8992 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 19.0416, 5.6047, -35.8992 by changing the saturation by 10% instead.

■ 19.0416, 5.6047,
-35.8992

■ 19.0416, 5.6047,
-35.8992

■ 116.4476, 5.3657,
-40.6980

■ 12.1103, 5.1751,
-36.7462

■ 35.7163, 6.0852,
-36.4707

■ 5.1482, 8.7080,
-51.6447

■ 45.2731, 6.1796,
-37.0829

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.5569, 6.1958,
-37.7422

0.0000, NaN, NaN

■ 66.5193, 6.1430,
-38.4014

0.0000, NaN, NaN

■ 78.1207, 6.0284,
-39.0365

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.3278, 5.8578,

-39.6348

0.0000, NaN, NaN

103.1117, 5.6356,
-40.1896

19.0416, 5.6047,
-35.8992

19.0416, 5.6047,
-35.8992

19.0400, 5.6080,
-35.9044

20.6607, 3.4008,
-31.1999

22.3877, 1.4697,
-26.7760

24.2569, -0.0491,
-22.5225

26.2541, -1.1856,
-18.4615

28.3656, -1.9792,
-14.5972

■ 30.5791, -2.4715,
-10.9226

■ 32.8836, -2.7016,
-7.4236

■ 35.2698, -2.7047,
-4.0835

■ 37.7295, -2.5112,
-0.8844

Harmonies

Analogous

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



19.0418, -6.6666, -36.0275



19.0416, 5.6047, -35.8992



19.0418, 18.8365, -22.5474

Triad

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



19.0418, 5.6054, -35.8987



19.0418, 18.6352, 11.1617



19.0418, -18.9028, 5.9167

Complementary

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



19.0416, 5.6047, -35.8992



25.8416, 12.1005, 16.1345

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.



19.0418, -15.0599, 11.1073



19.0416, 5.6047, -35.8992



19.0418, 5.3792, 13.3293

Square

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



19.0418, 5.6054, -35.8987



19.0418, 27.5607, 6.0517



19.0418, -6.8423, 13.3293



19.0418, -18.8715, -5.8746

Rectangle

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



19.0416, 5.6047, -35.8992



19.0418, 25.5420, -10.9781



19.0418, -6.8423, 13.3293



19.0418, -18.0746, 8.2494

Sweetspot

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



19.0418, 5.6054, -35.8987



43.3371, -3.5681, -10.2013



34.5137, -26.2488, 13.5257



20.7482, -1.7134, -5.7330



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



19.0418, 5.6054, -35.8987



24.7511, 8.4186, -49.1101



10.9284, 29.4131, -75.9170



18.7935, -1.2285, -0.2849



20.3611, 6.2531, -38.9482



43.5417, 17.9002, -93.0647

Inverse Universe

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



19.2171, 34.1963, 2.4167



25.4216, 45.1518, 3.8954



38.4621, -11.5657, 23.4971



18.5064, 0.8218, 0.5907



20.6503, 36.7297, 2.7587



45.9039, 81.2995, 8.8274

Previews

White Background



This preview shows how the HunterLab color 19.0416, 5.6047, -35.8992 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 19.0416, 5.6047, -35.8992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

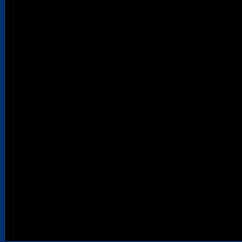
Any Text WCAG AA × Fail

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 19.0416, 5.6047, -35.8992 Background



This preview shows how black text looks on a background with the HunterLab color 19.0416, 5.6047, -35.8992.



This preview shows how white text looks on a background with the HunterLab color 19.0416, 5.6047, -35.8992.

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

19.0416, 5.6047, -35.8992

Protanopia

18.9834, 5.3053, -35.1802

Deuteranopia

19.1647, -0.7019, -22.4390



Tritanopia

18.9786, -9.3111, -3.6216

Trichromacy



Original Color

19.0416, 5.6047, -35.8992

Protanomaly

18.9834, 5.3053, -35.1802

Deuteranomaly

19.2138, 1.3486, -26.9267

Tritanomaly

18.7626, -4.7852, -13.1218

Monochromacy



Original Color

19.0416, 5.6047, -35.8992

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.1380, -0.8950, -10.1637

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.0416, 5.6047, -35.8992 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, 52, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 52, 112)  
}
```

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, 52, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 52, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 19.0416, 5.6047, -35.8992 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, 52, 112) }
```


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

```
.border{ border-color:rgb(0, 52, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 52, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 52, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 52, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 52, 112)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.0416, 5.6047, -35.8992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 52, 112) }
```

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

```
.background{ background-color: rgb(0, 52,  
112) }
```

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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