

Converting Colors

HunterLab(19.0202, 4.6779,
-33.8718)

Have a look what the booklet for
HunterLab(19.0202, 4.6779,
-33.8718) contains.

HunterLab(18.9256, 5.0075, -34.4651)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(18.9256, 5.0075,
-34.4651)**

Conversions

Conversions Part 1

Format	Color
Hex	00346E
RGB	0, 52, 110
RGB Percent	0%, 20%, 43%
CMY	1.0000, 0.7961, 0.5686
CMYK	1.00, 0.53, 0.00, 0.57
HSL	212°, 100%, 22%
HSV	212°, 100%, 43%
XYZ	4.0425, 3.5818, 15.2302
YIQ	43.0640, -49.6100, 7.0140

Conversions

Conversions Part 2

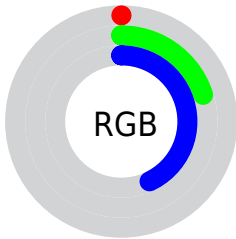
Format	Color
RYB	0, 35, 110
Decimal	13422
CIELab	22.24, 9.71, -37.89
CIElCh	22, 39.118, 284.380
Yxy	3.5819, 0.1769, 0.1567
Android (android.graphics.Color)	4278203502 (0xFF00346E)
YUV	43.0640, 32.9994, -37.7671
Hunter-Lab	18.9256, 5.0075, -34.4651

Details

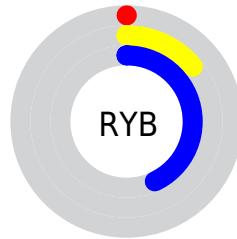
The HunterLab color **18.9256, 5.0075, -34.4651** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **25.1841, 12.2347, 15.7317**, and the grayscale version is **15.4720, -0.8255, 0.8406**.

A 20% lighter version of the original color is **35.6140, 5.2772, -34.8691**, and **6.9141, 12.0293, -34.6099** is the 20% darker color. If you saturate the color by 10%, you get **18.9242, 5.0105, -34.4697**, and if you desaturate by 10%, it is **20.5015, 2.9169, -29.9786**.

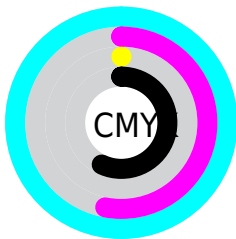
Distribution



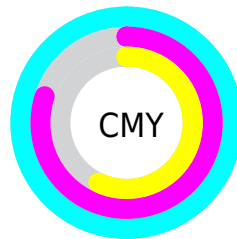
- Red (0%)
- Green (20%)
- Blue (43%)



- Red (0%)
- Yellow (14%)
- Blue (43%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (80%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.9256, 5.0075, -34.4651 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 18.9256, 5.0075, -34.4651 by changing the saturation by 10% instead.

■ 18.9256, 5.0075,
-34.4651

■ 18.9256, 5.0075,
-34.4651

■ 116.2353, 4.3733,
-39.2423

■ 12.0106, 4.6375,
-35.1954

■ 35.5732, 5.3817,
-35.1080

■ 4.9775, 8.2388,
-50.5575

■ 45.1182, 5.4283,
-35.7237

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.3910, 5.3993,
-36.3766

0.0000, NaN, NaN

■ 66.3432, 5.3037,
-37.0235

0.0000, NaN, NaN

■ 77.9349, 5.1484,
-37.6422

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.1327, 4.9388,

-38.2216

0.0000, NaN, NaN

102.9078, 4.6792,
-38.7559

18.9256, 5.0075,
-34.4651

18.9256, 5.0075,
-34.4651

18.9242, 5.0105,
-34.4697

20.5015, 2.9169,
-29.9786

22.1777, 1.0831,
-25.7532

23.9900, -0.3523,
-21.6823

25.9254, -1.4175,
-17.7867

27.9710, -2.1502,
-14.0718

■ 30.1151, -2.5897,
-10.5320

■ 32.3475, -2.7735,
-7.1552

■ 34.6591, -2.7353,
-3.9267

■ 37.0423, -2.5046,
-0.8306

Harmonies

Analogous

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



18.9258, -6.7817, -34.1631



18.9256, 5.0075, -34.4651



18.9258, 17.7804, -22.0372

Triad

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



18.9258, 5.0082, -34.4646



18.9258, 18.2577, 10.8428



18.9258, -18.3795, 6.0004

Complementary

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



18.9256, 5.0075, -34.4651



25.1841, 12.2347, 15.7317

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.



18.9258, -14.4935, 10.9739



18.9256, 5.0075, -34.4651



18.9258, 5.5468, 13.1017

Square

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



18.9258, 5.0082, -34.4646



18.9258, 26.6167, 5.6745



18.9258, -6.3606, 13.1497



18.9258, -18.4556, -5.2059

Rectangle

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



18.9256, 5.0075, -34.4651



18.9258, 24.3298, -10.9929



18.9258, -6.3606, 13.1497



18.9258, -17.5284, 8.2278

Sweetspot

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



18.9258, 5.0082, -34.4646



42.6233, -3.6673, -9.8375



33.8317, -25.9098, 13.6464



20.1108, -1.7449, -5.4121



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



18.9258, 5.0082, -34.4646



24.5984, 7.6010, -47.1543



10.6675, 28.8154, -74.9135



18.8050, -1.2475, -0.2709



20.6013, 5.7706, -38.2068



44.0906, 16.7419, -91.2503

Inverse Universe

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



18.8765, 33.6365, 2.0161



24.9661, 44.4023, 3.3640



37.8822, -10.7833, 23.1535



18.5076, 0.8281, 0.5739



20.6743, 36.8174, 2.4140



45.9567, 81.4926, 8.0665

Previews

White Background



This preview shows how the HunterLab color 18.9256, 5.0075, -34.4651 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 18.9256, 5.0075, -34.4651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

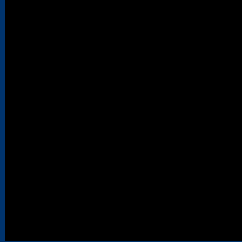
Any Text WCAG AA × Fail

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 18.9256, 5.0075, -34.4651 Background



This preview shows how black text looks on a background with the HunterLab color 18.9256, 5.0075, -34.4651.



This preview shows how white text looks on a background with the HunterLab color 18.9256, 5.0075, -34.4651.

-34.4651.

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

18.9256, 5.0075, -34.4651

Protanopia

19.0615, 5.4356, -34.0443

Deuteranopia

18.8643, -0.5401, -22.4128



Tritanopia

18.9786, -9.3111, -3.6216

Trichromacy



Original Color

18.9256, 5.0075, -34.4651

Protanomaly

19.0106, 5.2757, -34.2012

Deuteranomaly

18.8638, 1.2373, -26.2491

Tritanomaly

18.7626, -4.7852, -13.1218

Monochromacy



Original Color

18.9256, 5.0075, -34.4651

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.1005, -1.1010, -9.6530

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.9256, 5.0075, -34.4651 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(0, 52, 110)  
}
```

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, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 52, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 18.9256, 5.0075, -34.4651 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, 110) }
```


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

```
.border{ border-color:rgb(0, 52, 110) }
```

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, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 52, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 52, 110);  
box-shadow:4px 4px 4px 4px rgb(0, 52, 110)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.9256, 5.0075, -34.4651 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, 110) }
```

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

```
.background{ background-color: rgb(0, 52,  
110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor