

Converting Colors

HunterLab(19.2420, 4.2458,
-33.2163)

Have a look what the booklet for
HunterLab(19.2420, 4.2458,
-33.2163) contains.

HunterLab(19.1625, 4.5419, -33.7560)	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(19.1625, 4.5419,
-33.7560)**

Conversions

Conversions Part 1

Format	Color
Hex	00356E
RGB	0, 53, 110
RGB Percent	0%, 21%, 43%
CMY	1.0000, 0.7922, 0.5686
CMYK	1.00, 0.52, 0.00, 0.57
HSL	211°, 100%, 22%
HSV	211°, 100%, 43%
XYZ	4.0876, 3.6720, 15.2452
YIQ	43.6510, -49.8850, 6.4910

Conversions

Conversions Part 2

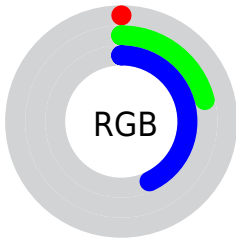
Format	Color
RYB	0, 36, 110
Decimal	13678
CIELab	22.56, 8.99, -37.38
CIELCh	23, 38.443, 283.523
Yxy	3.6721, 0.1777, 0.1596
Android (android.graphics.Color)	4278203758 (0xFF00356E)
YUV	43.6510, 32.7101, -38.2819
Hunter-Lab	19.1625, 4.5419, -33.7560

Details

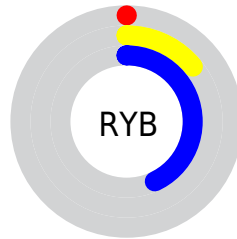
The HunterLab color **19.1625, 4.5419, -33.7560** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **24.9851, 12.6748, 15.6168**, and the grayscale version is **15.6651, -0.8359, 0.8511**.

A 20% lighter version of the original color is **35.8774, 4.7884, -34.2975**, and **7.2213, 11.0021, -32.7763** is the 20% darker color. If you saturate the color by 10%, you get **19.1610, 4.5449, -33.7607**, and if you desaturate by 10%, it is **20.7227, 2.5084, -29.3940**.

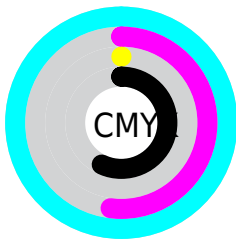
Distribution



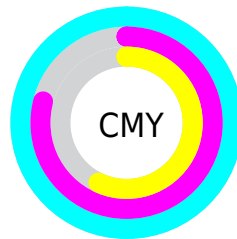
- Red (0%)
- Green (21%)
- Blue (43%)



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



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (79%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.1625, 4.5419, -33.7560 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 19.1625, 4.5419, -33.7560 by changing the saturation by 10% instead.

■ 19.1625, 4.5419,
-33.7560

■ 19.1625, 4.5419,
-33.7560

■ 116.6685, 3.5589,
-38.5388

■ 12.2143, 4.2274,
-34.3763

■ 35.8653, 4.8201,
-34.4588

■ 5.3199, 7.0789,
-46.9150

■ 45.4344, 4.8242,
-35.0781

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.7295, 4.7554,
-35.7276

0.0000, NaN, NaN

■ 66.7026, 4.6223,
-36.3669

0.0000, NaN, NaN

■ 78.3142, 4.4315,
-36.9757

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.5308, 4.1880,

-37.5436

0.0000, NaN, NaN

103.3239, 3.8959,
-38.0654

19.1625, 4.5419,
-33.7560

19.1625, 4.5419,
-33.7560

19.1610, 4.5449,
-33.7607

20.7227, 2.5084,
-29.3940

22.3803, 0.7276,
-25.2777

24.1712, -0.6590,
-21.3028

26.0832, -1.6786,
-17.4900

28.1041, -2.3676,
-13.8456

■ 30.2225, -2.7643,
-10.3656

■ 32.4286, -2.9054,
-7.0399

■ 34.7135, -2.8240,
-3.8553

■ 37.0697, -2.5494,
-0.7971

Harmonies

Analogous

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



19.1628, -7.0120, -33.0600



19.1625, 4.5419, -33.7560



19.1628, 17.1195, -21.9566

Triad

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



19.1628, 4.5426, -33.7555



19.1628, 18.2330, 10.7280



19.1628, -18.2141, 6.1865

Complementary

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



19.1625, 4.5419, -33.7560



24.9851, 12.6748, 15.6168

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.



19.1628, -14.2167, 11.0312



19.1625, 4.5419, -33.7560



19.1628, 5.8047, 12.9756

Square

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



19.1628, 4.5426, -33.7555



19.1628, 26.2157, 5.4135



19.1628, -6.0189, 13.0866



19.1628, -18.3957, -4.6846

Rectangle

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



19.1625, 4.5419, -33.7560



19.1628, 23.6414, -11.2046



19.1628, -6.0189, 13.0866



19.1628, -17.3255, 8.3567

Sweetspot

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



19.1628, 4.5426, -33.7555



42.7335, -3.8466, -9.6798



33.8317, -25.9098, 13.6463



20.1693, -1.8399, -5.3263



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.



19.1628, 4.5426, -33.7555



24.9163, 6.9623, -46.1729



10.6676, 28.8152, -74.9129



18.8174, -1.2680, -0.2558



20.8621, 5.2540, -37.4176



44.6873, 15.5017, -89.3190

Inverse Universe

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



18.9007, 33.7242, 1.6711



24.9979, 44.5182, 2.9081



37.8823, -10.7833, 23.1535



18.5089, 0.8350, 0.5558



20.7007, 36.9135, 2.0362



46.0149, 81.7048, 7.2304

Previews

White Background



This preview shows how the HunterLab color 19.1625, 4.5419, -33.7560 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 19.1625, 4.5419, -33.7560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

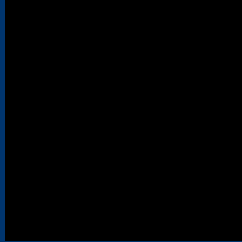
Any Text WCAG AA × Fail

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 19.1625, 4.5419, -33.7560 Background



This preview shows how black text looks on a background with the HunterLab color 19.1625, 4.5419, -33.7560.



This preview shows how white text looks on a background with the HunterLab color 19.1625, 4.5419, -33.7560.

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

19.1625, 4.5419, -33.7560

Protanopia

19.4256, 5.3756, -32.9608

Deuteranopia

19.2131, -0.4384, -23.0682



Tritanopia

19.2851, -9.4719, -3.6576

Trichromacy



Original Color

19.1625, 4.5419, -33.7560

Protanomaly

19.3301, 5.0742, -33.2475

Deuteranomaly

19.2138, 1.3486, -26.9267

Tritanomaly

19.0268, -5.1687, -12.6240

Monochromacy



Original Color

19.1625, 4.5419, -33.7560

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.4233, -1.1475, -9.6432

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.1625, 4.5419, -33.7560 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, 53, 110)` looks like.

```
.text, #text, p{  
    color:rgb(0, 53, 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, 53, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 53, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 19.1625, 4.5419, -33.7560 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, 53, 110) }
```


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

```
.border{ border-color:rgb(0, 53, 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, 53, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 53, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 53, 110);  
box-shadow:4px 4px 4px 4px rgb(0, 53, 110)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.1625, 4.5419, -33.7560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 53, 110) }
```

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

```
.background{ background-color: rgb(0, 53,  
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](#).

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