

Converting Colors

HunterLab(19.0240, -1.4318,
-30.6827)

Have a look what the booklet for
HunterLab(19.0240, -1.4318,
-30.6827) contains.

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Color

**HunterLab(19.9170, 1.5735,
-28.2911)**

Conversions

Conversions Part 1

Format	Color
Hex	00396A
RGB	0, 57, 106
RGB Percent	0%, 22%, 42%
CMY	1.0000, 0.7765, 0.5843
CMYK	1.00, 0.46, 0.00, 0.58
HSL	208°, 100%, 21%
HSV	208°, 100%, 42%
XYZ	4.0647, 3.9669, 14.1871
YIQ	45.5430, -49.7010, 3.1550

Conversions

Conversions Part 2

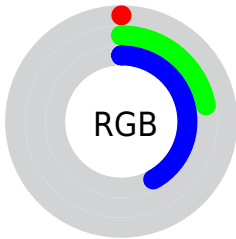
Format	Color
RYB	0, 37, 106
Decimal	14698
CIELab	23.56, 4.33, -33.18
CIELCh	24, 33.464, 277.429
Yxy	3.9670, 0.1829, 0.1785
Android (android.graphics.Color)	4278204778 (0xFF00396A)
YUV	45.5430, 29.8053, -39.9412
Hunter-Lab	19.9170, 1.5735, -28.2911

Details

The HunterLab color **19.9170, 1.5735, -28.2911** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **22.9387, 14.6614, 14.3905**, and the grayscale version is **16.2960, -0.8695, 0.8854**.

A 20% lighter version of the original color is **36.6529, 1.4860, -29.7147**, and **7.8712, 7.1058, -25.1778** is the 20% darker color. If you saturate the color by 10%, you get **19.9157, 1.5758, -28.2947**, and if you desaturate by 10%, it is **21.3158, -0.0237, -24.7937**.

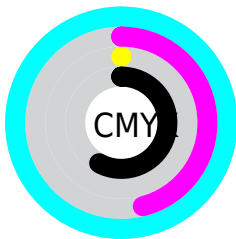
Distribution



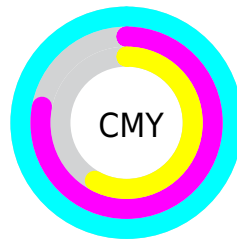
- Red (0%)
- Green (22%)
- Blue (42%)



- Red (0%)
- Yellow (15%)
- Blue (42%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (78%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9170, 1.5735, -28.2911 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 19.9170, 1.5735, -28.2911 by changing the saturation by 10% instead.

■ 19.9170, 1.5735,
-28.2911

■ 19.9170, 1.5735,
-28.2911

■ 118.0401, -1.6140,
-32.8283

■ 12.8651, 1.6125,
-28.3736

■ 36.7931, 1.2442,
-29.2639

■ 6.2796, 2.6668,
-34.0991

■ 46.4377, 0.9797,
-29.8749

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 56.8030, 0.6597,
-30.4762

0.0000, NaN, NaN

■ 67.8420, 0.2899,
-31.0437

0.0000, NaN, NaN

■ 79.5158, -0.1255,
-31.5662

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.7916, -0.5831,

-32.0388

0.0000, NaN, NaN

104.6412, -1.0801,
-32.4595

19.9170, 1.5735,
-28.2911

19.9170, 1.5735,
-28.2911

19.9157, 1.5758,
-28.2947

21.3158, -0.0237,
-24.7937

22.7884, -1.4147,
-21.4597

24.3741, -2.4531,
-18.1927

26.0651, -3.1584,
-15.0112

27.8527, -3.5588,
-11.9260

■ 29.7285, -3.6849,
-8.9408

■ 31.6847, -3.5675,
-6.0545

■ 33.7139, -3.2351,
-3.2624

■ 35.8099, -2.7133,
-0.5582

Harmonies

Analogous

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



19.9173, -8.1390, -25.5023



19.9170, 1.5735, -28.2911



19.9173, 12.5263, -20.5589

Triad

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



19.9173, 1.5740, -28.2906



19.9173, 17.3237, 9.4972



19.9173, -16.3059, 7.0660

Complementary

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



19.9170, 1.5735, -28.2911



22.9387, 14.6614, 14.3905

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.



19.9173, -11.7698, 11.0177



19.9170, 1.5735, -28.2911



19.9173, 7.1617, 11.9184

Square

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



19.9173, 1.5740, -28.2906



19.9173, 22.7505, 3.3789



19.9173, -3.5711, 12.3935



19.9173, -17.2008, -1.5210

Rectangle

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



19.9170, 1.5735, -28.2911



19.9173, 18.6262, -12.0314



19.9173, -3.5711, 12.3935



19.9173, -15.2089, 8.8182

Sweetspot

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



19.9173, 1.5740, -28.2906



41.7533, -4.7507, -8.3373



32.4333, -25.4886, 14.4851



19.8237, -2.3339, -4.5920



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



19.9173, 1.5740, -28.2906



25.9405, 2.8900, -38.6620



10.7517, 25.3349, -68.1255



18.0815, -1.3303, -0.1446



22.0324, 2.0327, -31.9266



47.9390, 7.8960, -76.9648

Inverse Universe

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



18.3299, 32.9985, -0.6484



24.2336, 43.5431, -0.1726



35.0908, -7.6480, 21.4883



17.7241, 0.8214, 0.4302



20.4019, 36.7018, -0.4822



45.8609, 82.1484, 1.6488

Previews

White Background



This preview shows how the HunterLab color 19.9170, 1.5735, -28.2911 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 19.9170, 1.5735, -28.2911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

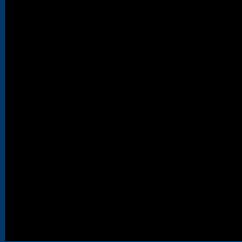
Any Text WCAG AA × Fail

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 19.9170, 1.5735, -28.2911 Background



This preview shows how black text looks on a background with the HunterLab color 19.9170, 1.5735, -28.2911.



This preview shows how white text looks on a background with the HunterLab color 19.9170, 1.5735, -28.2911.

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

19.9170, 1.5735, -28.2911

Protanopia

20.0971, 4.4481, -26.1760

Deuteranopia

19.9635, 0.0362, -25.0309



Tritanopia

19.9004, -9.7947, -3.7298

Trichromacy



Original Color

19.9170, 1.5735, -28.2911

Protanomaly

19.9925, 2.9807, -27.2628

Deuteranomaly

20.0135, 0.3067, -25.6772

Tritanomaly

19.8282, -6.3064, -11.1697

Monochromacy



Original Color

19.9170, 1.5735, -28.2911

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.2040, -2.1898, -8.2846

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9170, 1.5735, -28.2911 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, 57, 106)` looks like.

```
.text, #text, p{  
    color:rgb(0, 57, 106)  
}
```

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, 57, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 57, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9170, 1.5735, -28.2911 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, 57, 106) }
```


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

```
.border{ border-color:rgb(0, 57, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 57, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 57, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 57, 106);  
box-shadow:4px 4px 4px 4px rgb(0, 57, 106)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.9170, 1.5735, -28.2911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 57, 106) }
```

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

```
.background{ background-color: rgb(0, 57,  
106) }
```

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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