

Converting Colors

HunterLab(17.5706, -14.1437,
-24.6113)

Have a look what the booklet for
HunterLab(17.5706, -14.1437,
-24.6113) contains.

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Color

**HunterLab(20.3170, -3.5348,
-17.7638)**

Conversions

Conversions Part 1

Format	Color
Hex	003D5D
RGB	0, 61, 93
RGB Percent	0%, 24%, 36%
CMY	1.0000, 0.7608, 0.6353
CMYK	1.00, 0.34, 0.00, 0.64
HSL	201°, 100%, 18%
HSV	201°, 100%, 36%
XYZ	3.6445, 4.1278, 10.9606
YIQ	46.4090, -46.6280, -2.9800

Conversions

Conversions Part 2

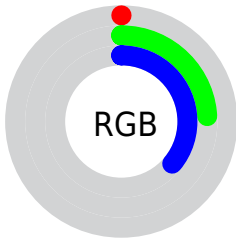
Format	Color
RYB	0, 37, 93
Decimal	15709
CIELab	24.09, -4.19, -23.92
CIELCh	24, 24.281, 260.054
Yxy	4.1279, 0.1946, 0.2204
Android (android.graphics.Color)	4278205789 (0xFF003D5D)
YUV	46.4090, 22.9694, -40.7007
Hunter-Lab	20.3170, -3.5348, -17.7638

Details

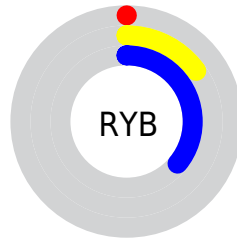
The HunterLab color **20.3170, -3.5348, -17.7638** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **18.3321, 16.9059, 11.5913**, and the grayscale version is **16.6028, -0.8859, 0.9021**.

A 20% lighter version of the original color is **37.2325, -4.8621, -19.1597**, and **8.1913, 1.9206, -14.3846** is the 20% darker color. If you saturate the color by 10%, you get **20.3164, -3.5338, -17.7653**, and if you desaturate by 10%, it is **21.3070, -4.3044, -15.7633**.

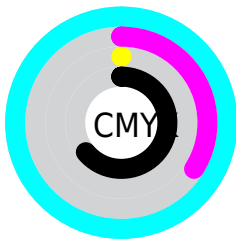
Distribution



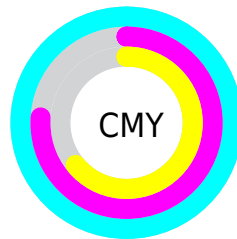
- Red (0%)
- Green (24%)
- Blue (36%)



- Red (0%)
- Yellow (15%)
- Blue (36%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (76%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3170, -3.5348, -17.7638 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 20.3170, -3.5348, -17.7638 by changing the saturation by 10% instead.

■ 20.3170, -3.5348,
-17.7638

■ 20.3170, -3.5348,
-17.7638

■ 118.7623,
-10.8305, -20.7693

■ 13.2113, -2.8104,
-17.3495

■ 37.2834, -5.0145,
-18.7832

■ 6.7289, -3.0752,
-19.3656

■ 46.9674, -5.7812,
-19.2436

0.0000, NaN, -NF

■ 57.3694, -6.5686,
-19.6464

0.0000, NaN, NaN

■ 68.4428, -7.3774,
-19.9881

0.0000, NaN, NaN

■ 80.1491, -8.2080,
-20.2692

0.0000, NaN, NaN

■ 92.4559, -9.0605,

0.0000, NaN, NaN

0.0000, NaN, NaN

-20.4914

0.0000, NaN, NaN

■ 105.3351, -9.9347,
-20.6573

■ 20.3170, -3.5348,
-17.7638

■ 20.3170, -3.5348,
-17.7638

■ 20.3164, -3.5338,
-17.7653

■ 21.3070, -4.3044,
-15.7633

■ 22.3317, -4.9668,
-13.8212

■ 23.4347, -5.3623,
-11.8543

■ 24.6143, -5.4970,
-9.8742

■ 25.8671, -5.3845,
-7.8921

■ 27.1893, -5.0426,
-5.9171

■ 28.5765, -4.4905,
-3.9564

■ 30.0245, -3.7477,
-2.0149

■ 31.5292, -2.8332,
-0.0957

Harmonies

Analogous

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



20.3173, -9.5985, -12.6015



20.3170, -3.5348, -17.7638



20.3173, 4.1415, -16.6349

Triad

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



20.3173, -3.5345, -17.7634



20.3173, 14.4456, 5.2978



20.3173, -11.0682, 8.1297

Complementary

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



20.3170, -3.5348, -17.7638



18.3321, 16.9059, 11.5913

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.



20.3173, -5.8316, 10.2771



20.3170, -3.5348, -17.7638



20.3173, 9.1116, 9.1054

Square

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



20.3173, -3.5345, -17.7634



20.3173, 15.2995, -1.4293



20.3173, 1.4860, 10.5534



20.3173, -13.5081, 3.3515

Rectangle

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



20.3170, -3.5348, -17.7638



20.3173, 9.1366, -12.5745



20.3173, 1.4860, 10.5534



20.3173, -9.6158, 9.0964

Sweetspot

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



20.3173, -3.5345, -17.7634



37.2124, -5.9512, -5.4097



28.1563, -22.8888, 14.2185



18.3757, -3.0909, -3.0672



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



20.3173, -3.5345, -17.7634



26.2450, -4.1086, -23.9347



10.7076, 17.1694, -50.4445



15.8102, -1.3537, 0.0640



23.9631, -3.8898, -21.5548



54.5410, -6.6893, -53.7313

Inverse Universe

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



16.3227, 30.0142, -5.4534



21.3100, 39.1163, -6.5573



27.7587, -2.2567, 17.0647



15.3954, 0.7289, 0.2005



19.3892, 35.6120, -6.1337



45.1832, 82.6557, -11.7182

Previews

White Background



This preview shows how the HunterLab color 20.3170, -3.5348, -17.7638 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 20.3170, -3.5348, -17.7638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

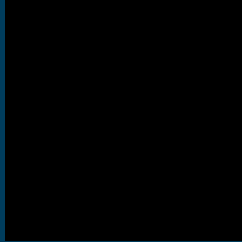
Any Text WCAG AA × Fail

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 20.3170, -3.5348, -17.7638 Background



This preview shows how black text looks on a background with the HunterLab color 20.3170, -3.5348, -17.7638.



This preview shows how white text looks on a background with the HunterLab color 20.3170, -3.5348, -17.7638.

-17.7638.

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

20.3170, -3.5348, -17.7638

Protanopia

20.5630, 2.1489, -14.5425

Deuteranopia

20.5167, 1.1675, -17.9398



Tritanopia

20.2397, -9.7768, -4.1926

Trichromacy



Original Color

20.3170, -3.5348, -17.7638

Protanomaly

20.0637, -0.7239, -16.2337

Deuteranomaly

20.2934, -0.8778, -18.4498

Tritanomaly

20.2610, -7.6817, -8.7418

Monochromacy



Original Color

20.3170, -3.5348, -17.7638

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.2851, -3.5260, -5.5413

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3170, -3.5348, -17.7638 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, 61, 93)` looks like.

```
.text, #text, p{  
    color:rgb(0, 61, 93)  
}
```

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, 61, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 61, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3170, -3.5348, -17.7638 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, 61, 93) }
```


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

```
.border{ border-color:rgb(0, 61, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 61, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 61, 93); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 61, 93); box-shadow:4px  
4px 4px 4px rgb(0, 61, 93) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.3170, -3.5348, -17.7638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 61, 93) }
```

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

```
.background{ background-color: rgb(0, 61,  
93) }
```

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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