

Converting Colors

HunterLab(17.4479, -3.6493,
-47.7703)

Have a look what the booklet for
HunterLab(17.4479, -3.6493,
-47.7703) contains.

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Color

**HunterLab(20.3380, 5.5200,
-37.3369)**

Conversions

Conversions Part 1

Format	Color
Hex	003876
RGB	0, 56, 118
RGB Percent	0%, 22%, 46%
CMY	0.9999, 0.7804, 0.5373
CMYK	1.00, 0.53, 0.00, 0.54
HSL	212°, 100%, 23%
HSV	212°, 100%, 46%
XYZ	4.6842, 4.1363, 17.6910
YIQ	46.3240, -53.2780, 7.4100

Conversions

Conversions Part 2

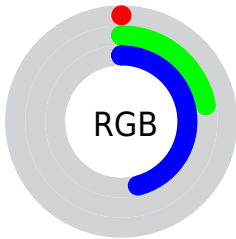
Format	Color
RYB	0, 38, 118
Decimal	14454
CIELab	24.12, 10.40, -39.97
CIELCh	24, 41.297, 284.584
Yxy	4.1365, 0.1767, 0.1560
Android (android.graphics.Color)	4278204534 (0xFF003876)
YUV	46.3240, 35.3363, -40.6261
Hunter-Lab	20.3380, 5.5200, -37.3369

Details

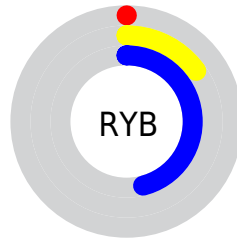
The HunterLab color **20.3380, 5.5200, -37.3369** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **27.0154, 13.4754, 16.8819**, and the grayscale version is **16.5370, -0.8824, 0.8985**.

A 20% lighter version of the original color is **37.2283, 6.0509, -38.3141**, and **8.6241, 10.3914, -33.2114** is the 20% darker color. If you saturate the color by 10%, you get **20.3364, 5.5234, -37.3421**, and if you desaturate by 10%, it is **22.0272, 3.2074, -32.5051**.

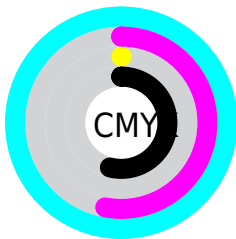
Distribution



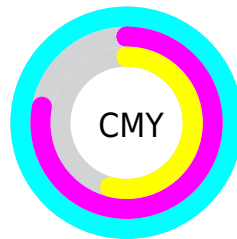
- Red (0%)
- Green (22%)
- Blue (46%)



- Red (0%)
- Yellow (15%)
- Blue (46%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (78%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3380, 5.5200, -37.3369 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 20.3380, 5.5200, -37.3369 by changing the saturation by 10% instead.

■ 20.3380, 5.5200,
-37.3369

■ 20.3380, 5.5200,
-37.3369

■ 118.8000, 5.0751,
-42.2581

■ 13.2294, 5.1308,
-38.0718

■ 37.3091, 5.9377,
-37.9540

■ 6.7515, 6.3509,
-44.9982

■ 46.9951, 6.0063,
-38.5748

0.0000, NaN, -NF

■ 57.3990, 5.9991,
-39.2424

0.0000, NaN, -NF

■ 68.4742, 5.9249,
-39.9112

0.0000, NaN, NaN

■ 80.1822, 5.7905,
-40.5571

0.0000, NaN, NaN

■ 92.4906, 5.6012,

0.0000, NaN, NaN

0.0000, NaN, NaN

-41.1676

0.0000, NaN, NaN

105.3713, 5.3616,
-41.7357

20.3380, 5.5200,
-37.3369

20.3380, 5.5200,
-37.3369

20.3364, 5.5234,
-37.3421

22.0272, 3.2074,
-32.5051

23.8338, 1.1982,
-27.9302

25.7895, -0.3745,
-23.5192

27.8802, -1.5407,
-19.2965

30.0919, -2.3413,
-15.2687

■ 32.4117, -2.8197,
-11.4305

■ 34.8283, -3.0169,
-7.7694

■ 37.3318, -2.9703,
-4.2693

■ 39.9137, -2.7122,
-0.9131

Harmonies

Analogous

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



20.3383, -7.2495, -37.1169



20.3380, 5.5200, -37.3369



20.3383, 19.3394, -23.7744

Triad

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



20.3383, 5.5207, -37.3364



20.3383, 19.6859, 11.6702



20.3383, -19.8531, 6.4188

Complementary

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



20.3380, 5.5200, -37.3369



27.0154, 13.4754, 16.8819

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.



20.3383, -15.6935, 11.7565



20.3380, 5.5200, -37.3369



20.3383, 5.9113, 13.8759

Square

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



20.3383, 5.5207, -37.3364



20.3383, 28.7950, 6.1832



20.3383, -6.9446, 13.9075



20.3383, -19.9080, -5.7497

Rectangle

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



20.3380, 5.5200, -37.3369



20.3383, 26.4061, -11.7934



20.3383, -6.9446, 13.9075



20.3383, -18.9454, 8.8349

Sweetspot

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



20.3383, 5.5207, -37.3364



45.9357, -3.9926, -10.6628



36.4605, -27.9681, 14.8040



21.5153, -1.8874, -5.8697



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



20.3383, 5.5207, -37.3364



26.4815, 8.2973, -51.0112



11.4938, 31.0568, -80.7873



19.6211, -1.3079, -0.2921



21.0935, 5.8621, -39.0196



44.7103, 16.7225, -91.9831

Inverse Universe

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



20.3406, 36.2338, 2.2625



26.9222, 47.8723, 3.6981



40.8317, -11.6279, 24.9562



19.3057, 0.8833, 0.5907



21.1498, 37.6680, 2.4399



46.5053, 82.4840, 8.0173

Previews

White Background



This preview shows how the HunterLab color 20.3380, 5.5200, -37.3369 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



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 20.3380, 5.5200, -37.3369 Background



This preview shows how black text looks on a background with the HunterLab color 20.3380, 5.5200, -37.3369.



This preview shows how white text looks on a background with the HunterLab color 20.3380, 5.5200, -37.3369.

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

20.3380, 5.5200, -37.3369

Protanopia

20.5122, 6.0671, -36.7957

Deuteranopia

20.2662, -0.1279, -25.0549



Tritanopia

20.2397, -9.7768, -4.1926

Trichromacy



Original Color

20.3380, 5.5200, -37.3369

Protanomaly

20.4488, 5.8684, -36.9919

Deuteranomaly

20.2702, 1.6870, -28.9778

Tritanomaly

20.0639, -4.9610, -14.3688

Monochromacy



Original Color

20.3380, 5.5200, -37.3369

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.3502, -1.3814, -10.2839

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3380, 5.5200, -37.3369 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, 56, 118)` looks like.

```
.text, #text, p{  
    color:rgb(0, 56, 118)  
}
```

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, 56, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 56, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3380, 5.5200, -37.3369 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, 56, 118) }
```


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

```
.border{ border-color:rgb(0, 56, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 56, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 56, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 56, 118);  
box-shadow:4px 4px 4px 4px rgb(0, 56, 118)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.3380, 5.5200, -37.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 56, 118) }
```

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

```
.background{ background-color: rgb(0, 56,  
118) }
```

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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