

Converting Colors

HunterLab(20.0197, 5.6174,
-16.6627)

Have a look what the booklet for
HunterLab(20.0197, 5.6174,
-16.6627) contains.

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Color

**HunterLab(20.0788, 5.5567,
-16.7562)**

Conversions

Conversions Part 1

Format	Color
Hex	34355B
RGB	52, 53, 91
RGB Percent	20%, 21%, 36%
CMY	0.7961, 0.7922, 0.6431
CMYK	0.43, 0.42, 0.00, 0.64
HSL	238°, 27%, 28%
HSV	238°, 43%, 36%
XYZ	4.5776, 4.0316, 10.4344
YIQ	57.0330, -12.7940, 11.6060

Conversions

Conversions Part 2

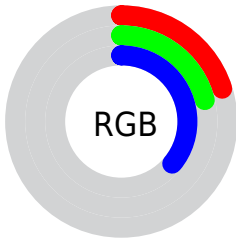
Format	Color
R_{YB}	52, 53, 91
Decimal	3421531
CIE _{Lab}	23.78, 10.47, -22.94
CIE _{LCh}	24, 25.220, 294.526
Yxy	4.0317, 0.2404, 0.2117
Android (android.graphics.Color)	4281611611 (0xFF34355B)
YUV	57.0330, 16.7457, -4.4139
Hunter-Lab	20.0788, 5.5567, -16.7562

Details

The HunterLab color **20.0788, 5.5567, -16.7562** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **31.2803, -5.7191, 13.0164**, and the grayscale version is **20.1869, -1.0771, 1.0968**.

A 20% lighter version of the original color is **36.8964, 6.2401, -17.6489**, and **6.3898, 6.9228, -18.9772** is the 20% darker color. If you saturate the color by 10%, you get **17.5447, 7.8171, -22.4996**, and if you desaturate by 10%, it is **22.7630, 3.5645, -11.6910**.

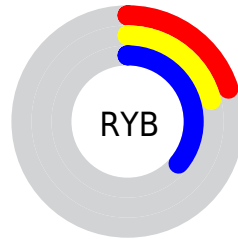
Distribution



Red (20%)

Green (21%)

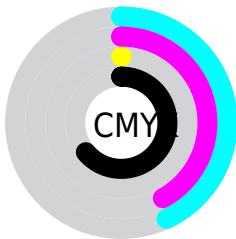
Blue (36%)



Red (20%)

Yellow (21%)

Blue (36%)

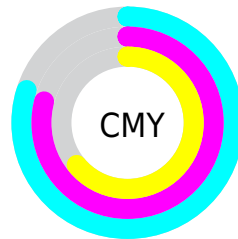


Cyan (43%)

Magenta (42%)

Yellow (0%)

Black (64%)



Cyan (80%)

Magenta (79%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0788, 5.5567, -16.7562 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 20.0788, 5.5567, -16.7562 by changing the saturation by 10% instead.

■ 20.0788, 5.5567,
-16.7562

■ 20.0788, 5.5567,
-16.7562

■ 118.3327, 5.1638,
-19.5515

■ 13.0051, 5.1569,
-16.3292

■ 36.9917, 5.9892,
-17.7500

■ 6.4656, 6.7102,
-18.6377

■ 46.6523, 6.0644,
-18.1878

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 57.0324, 6.0632,
-18.5654

0.0000, NaN, NaN

■ 68.0854, 5.9945,
-18.8805

0.0000, NaN, NaN

■ 79.7724, 5.8653,
-19.1342

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.0607, 5.6809,

-19.3288

0.0000, NaN, NaN

104.9224, 5.4458,
-19.4670

■ 20.0788, 5.5567,
-16.7562

■ 20.0788, 5.5567,
-16.7562

■ 17.5447, 7.8171,
-22.4996

■ 22.7630, 3.5645,
-11.6910

■ 15.1984, 10.4036,
-29.0639

■ 25.5690, 1.7840,
-7.1640

■ 13.0954, 13.3443,
-36.5089

■ 28.4775, 0.1681,
-3.0560

■ 11.3122, 16.5610,
-44.6150

■ 31.4742, -1.3201,
0.7265

■ 9.9269, 19.7379,
-52.6525

■ 34.5482, -2.7090,
4.2553

■ 8.9775, 22.3385,
-59.4435

■ 37.6912, -4.0201,
7.5854

■ 40.8963, -5.2698,
10.7587

■ 44.1583, -6.4708,
13.8077

■ 47.4727, -7.6329,
16.7575

Harmonies

Analogous

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



20.0792, -2.4866, -18.9895



20.0788, 5.5567, -16.7562



20.0792, 12.6954, -9.1034

Triad

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



20.0792, 5.5567, -16.7557



20.0792, 8.4178, 9.5994



20.0792, -13.9528, 2.4099

Complementary

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



20.0788, 5.5567, -16.7562



31.2803, -5.7191, 13.0164

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.



20.0792, -11.9071, 7.7470



20.0788, 5.5567, -16.7562



20.0792, 0.3819, 10.7531

Square

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



20.0792, 5.5567, -16.7557



20.0792, 14.5163, 6.1691



20.0792, -6.9395, 10.2359



20.0792, -13.0006, -5.7956

Rectangle

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



20.0788, 5.5567, -16.7562



20.0792, 15.5668, -3.1091



20.0792, -6.9395, 10.2359



20.0792, -13.6038, 4.5463

Sweetspot

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



20.0792, 5.5567, -16.7557



37.0257, 0.3305, -4.2772



29.9088, -10.6228, -0.7990



17.9192, 0.3133, -2.4863



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



20.0792, 5.5567, -16.7557



23.0311, 10.1328, -29.1947



21.2627, 10.2781, -14.3169



15.1324, -0.2260, -0.7663



10.8590, 27.4497, -72.8289



25.0102, 65.9573, -173.6434

Inverse Universe

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



22.2201, 10.8013, 4.8934



26.6313, 18.0959, 7.5120



30.2305, -11.0186, 12.0629



15.3265, 0.3575, 1.1829



18.1625, 31.1377, 11.4734



42.4778, 72.7760, 27.2052

Previews

White Background



This preview shows how the HunterLab color 20.0788, 5.5567, -16.7562 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 20.0788, 5.5567, -16.7562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

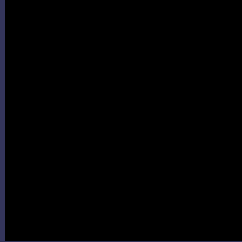
Any Text WCAG AA × Fail

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 20.0788, 5.5567, -16.7562 Background



This preview shows how black text looks on a background with the HunterLab color 20.0788, 5.5567, -16.7562.



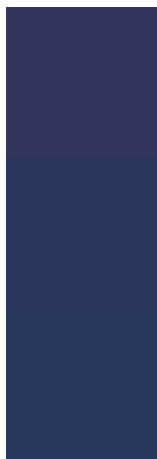
This preview shows how white text looks on a background with the HunterLab color 20.0788, 5.5567, -16.7562.

-16.7562.

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

20.0788, 5.5567, -16.7562

Protanopia

19.9853, 3.0424, -18.3547

Deuteranopia

20.1904, 0.9844, -15.9464



Tritanopia

20.1395, -3.5886, -1.9327

Trichromacy



Original Color

20.0788, 5.5567, -16.7562

Protanomaly

19.9222, 3.9604, -17.7882

Deuteranomaly

20.1993, 2.2603, -15.9059

Tritanomaly

20.1222, -0.4575, -6.6978

Monochromacy



Original Color

20.0788, 5.5567, -16.7562

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.1748, 0.6500, -4.1031

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0788, 5.5567, -16.7562 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(52, 53, 91)` looks like.

```
.text, #text, p{  
    color:rgb(52, 53, 91)  
}
```

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(52, 53, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 53, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 20.0788, 5.5567, -16.7562 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(52, 53, 91) }
```


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

```
.border{ border-color:rgb(52, 53, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 53, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 53, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 53, 91);  
box-shadow:4px 4px 4px 4px rgb(52, 53, 91)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.0788, 5.5567, -16.7562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 53, 91) }
```

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

```
.background{ background-color: rgb(52, 53,  
91) }
```

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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