

Converting Colors

HunterLab(18.7516, 7.4173,
-19.6314)

Have a look what the booklet for
HunterLab(18.7516, 7.4173,
-19.6314) contains.

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Color

**HunterLab(18.7675, 7.2167,
-19.5773)**

Conversions

Conversions Part 1

Format	Color
Hex	31305B
RGB	49, 48, 91
RGB Percent	19%, 19%, 36%
CMY	0.8078, 0.8118, 0.6431
CMYK	0.46, 0.47, 0.00, 0.64
HSL	241°, 31%, 27%
HSV	241°, 47%, 36%
XYZ	4.2119, 3.5222, 10.3554
YIQ	53.2010, -13.2070, 13.5850

Conversions

Conversions Part 2

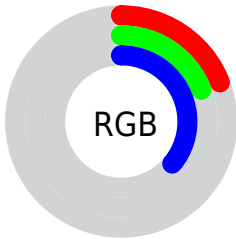
Format	Color
R_{YB}	49, 48, 91
Decimal	3223643
CIE _{Lab}	22.02, 13.04, -25.73
CIE _{LCh}	22, 28.847, 296.870
Yxy	3.5223, 0.2328, 0.1947
Android (android.graphics.Color)	4281413723 (0xFF31305B)
YUV	53.2010, 18.6349, -3.6843
Hunter-Lab	18.7675, 7.2167, -19.5773




Details

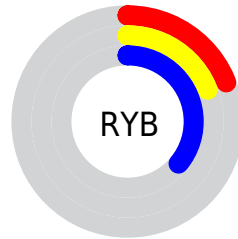
The HunterLab color **18.7675, 7.2167, -19.5773** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **31.4153, -6.7316, 13.9625**, and the grayscale version is **18.8788, -1.0073, 1.0257**.




A 20% lighter version of the original color is **35.3909, 7.9077, -20.2700**, and **4.6398, 12.0290, -28.6551** is the 20% darker color. If you saturate the color by 10%, you get **16.2888, 9.7405, -25.8188**, and if you desaturate by 10%, it is **21.4192, 4.9763, -14.1118**.

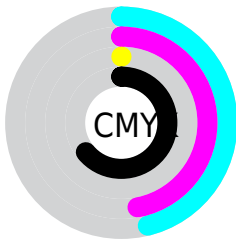
Distribution







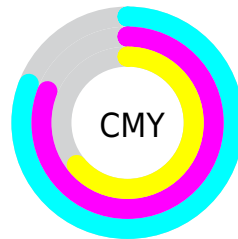
-  Red (19%)
-  Green (19%)
-  Blue (36%)






-  Red (19%)
-  Yellow (19%)
-  Blue (36%)



-  Cyan (46%)
-  Magenta (47%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (81%)
-  Magenta (81%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.7675, 7.2167, -19.5773 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 18.7675, 7.2167, -19.5773 by changing the saturation by 10% instead.

■ 18.7675, 7.2167,
-19.5773

■ 18.7675, 7.2167,
-19.5773

■ 115.9456, 8.0821,
-23.0363

■ 11.8748, 6.6186,
-19.2814

■ 35.3781, 7.9949,
-20.6190

■ 4.7346, 11.7465,
-27.9343

■ 44.9070, 8.2234,
-21.1297

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 55.1648, 8.3658,
-21.5914

0.0000, NaN, NaN

■ 66.1030, 8.4325,
-21.9961

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 77.6814, 8.4316,
-22.3419

0.0000, NaN, NaN

■ 89.8666, 8.3696,

-22.6293

0.0000, NaN, NaN

102.6297, 8.2517,
-22.8600

■ 18.7675, 7.2167,
-19.5773

■ 18.7675, 7.2167,
-19.5773

■ 16.2888, 9.7405,
-25.8188

■ 21.4192, 4.9763,
-14.1118

■ 14.0308, 12.5875,
-32.9580

■ 24.2090, 2.9644,
-9.2708

■ 12.0630, 15.7261,
-40.9384

■ 27.1132, 1.1310,
-4.9168

■ 10.4772, 18.9367,
-49.2225

■ 30.1146, -0.5644,
-0.9399

■ 9.1600, 22.4095,
-58.0277

■ 33.2003, -2.1533,
2.7448

■ 8.7693, 23.6308,
-61.1012

■ 36.3604, -3.6598,
6.2018

■ 39.5873, -5.1021,
9.4805

■ 42.8748, -6.4943,
12.6186

■ 46.2180, -7.8472,
15.6450

Harmonies

Analogous

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



18.7678, -1.9115, -22.9911



18.7675, 7.2167, -19.5773



18.7678, 15.2538, -9.9896

Triad

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



18.7678, 7.2167, -19.5768



18.7678, 9.0983, 10.0858



18.7678, -15.0123, 1.8739

Complementary

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



18.7675, 7.2167, -19.5773



31.4153, -6.7316, 13.9625

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.



18.7678, -13.1084, 7.8289



18.7675, 7.2167, -19.5773



18.7678, -0.0757, 11.1121

Square

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



18.7678, 7.2167, -19.5768



18.7678, 16.4724, 6.9078



18.7678, -8.0126, 10.4337



18.7678, -13.7682, -7.7396

Rectangle

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



18.7675, 7.2167, -19.5773



18.7678, 18.3370, -2.9865



18.7678, -8.0126, 10.4337



18.7678, -14.7292, 4.3035

Sweetspot

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



18.7678, 7.2167, -19.5768



36.5470, 0.8374, -4.9181



29.5702, -10.7758, -1.8128



17.6998, 0.5676, -2.7848



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.



18.7678, 7.2167, -19.5768



20.8334, 13.2699, -35.0895



20.4438, 12.1301, -15.8947



15.1126, -0.1545, -0.7905



10.6520, 28.7389, -74.4883



24.8170, 67.1725, -175.2223

Inverse Universe

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



22.5306, 17.7470, -11.2600



27.1600, 29.1899, -18.6521



29.9215, -12.3120, 12.6808



15.4323, 0.9268, -0.3231



20.8715, 40.8387, -26.0147



48.8216, 95.4986, -60.6231

Previews

White Background



This preview shows how the HunterLab color 18.7675, 7.2167, -19.5773 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 18.7675, 7.2167, -19.5773 Background



This preview shows how black text looks on a background with the HunterLab color 18.7675, 7.2167, -19.5773.



This preview shows how white text looks on a background with the HunterLab color 18.7675, 7.2167, -19.5773.

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

18.7675, 7.2167, -19.5773

Protanopia

18.6625, 3.6851, -22.0788

Deuteranopia

18.7190, 1.0420, -19.0848



Tritanopia

18.7343, -3.6592, -2.0494

Trichromacy



Original Color

18.7675, 7.2167, -19.5773

Protanomaly

18.6644, 4.7860, -21.3124

Deuteranomaly

18.5632, 2.9869, -19.4038

Tritanomaly

18.5054, 0.0407, -7.6957

Monochromacy



Original Color

18.7675, 7.2167, -19.5773

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.7162, 1.7056, -5.2591

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.7675, 7.2167, -19.5773 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(49, 48, 91)` looks like.

```
.text, #text, p{  
    color:rgb(49, 48, 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(49, 48, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 48, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 18.7675, 7.2167, -19.5773 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(49, 48, 91) }
```


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

```
.border{ border-color:rgb(49, 48, 91) }
```

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

Here you see how a box with a 4 pixel rgb(49, 48, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 48, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 48, 91);  
box-shadow:4px 4px 4px 4px rgb(49, 48, 91)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.7675, 7.2167, -19.5773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 48, 91) }
```

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

```
.background{ background-color: rgb(49, 48,  
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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