

Converting Colors

HunterLab(21.1374, 6.4047,
-21.7878)

Have a look what the booklet for
HunterLab(21.1374, 6.4047,
-21.7878) contains.

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Color

**HunterLab(21.1931, 6.5215,
-21.9938)**

Conversions

Conversions Part 1

Format	Color
Hex	333866
RGB	51, 56, 102
RGB Percent	20%, 22%, 40%
CMY	0.8000, 0.7804, 0.6000
CMYK	0.50, 0.45, 0.00, 0.60
HSL	234°, 33%, 30%
HSV	234°, 50%, 40%
XYZ	5.1777, 4.4915, 13.1644
YIQ	59.7490, -17.7460, 13.2460

Conversions

Conversions Part 2

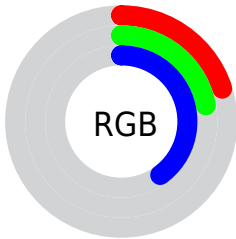
Format	Color
R _Y B	51, 56, 102
Decimal	3356774
CIE Lab	25.23, 11.81, -27.80
CIE LCh	25, 30.206, 293.013
Yxy	4.4916, 0.2268, 0.1967
Android (android.graphics.Color)	4281546854 (0xFF333866)
YUV	59.7490, 20.8297, -7.6729
Hunter-Lab	21.1931, 6.5215, -21.9938




Details

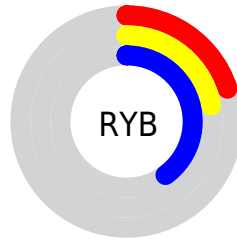
The HunterLab color **21.1931, 6.5215, -21.9938** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **34.0787, -5.4152, 15.4549**, and the grayscale version is **21.1060, -1.1262, 1.1467**.




A 20% lighter version of the original color is **38.4280, 6.9178, -22.6977**, and **7.6806, 6.2350, -23.0596** is the 20% darker color. If you saturate the color by 10%, you get **18.5575, 9.0143, -28.5690**, and if you desaturate by 10%, it is **24.0033, 4.3763, -16.1827**.

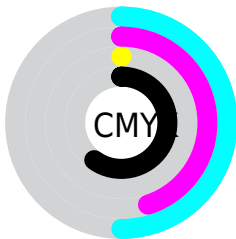
Distribution







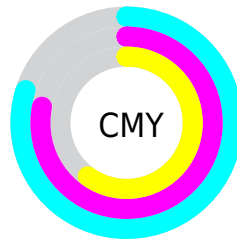
-  Red (20%)
-  Green (22%)
-  Blue (40%)






-  Red (20%)
-  Yellow (22%)
-  Blue (40%)



-  Cyan (50%)
-  Magenta (45%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (80%)
-  Magenta (78%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1931, 6.5215, -21.9938 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 21.1931, 6.5215, -21.9938 by changing the saturation by 10% instead.

■ 21.1931, 6.5215,
-21.9938

■ 21.1931, 6.5215,
-21.9938

■ 120.3329, 6.6273,
-25.7483

■ 13.9721, 6.0544,
-21.6631

■ 38.3536, 7.0817,
-23.0761

■ 7.6123, 6.3530,
-23.0022

■ 48.1224, 7.2165,
-23.6141

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 58.6034, 7.2723,
-24.1078

0.0000, NaN, NaN

■ 69.7510, 7.2583,
-24.5480

0.0000, NaN, NaN

■ 81.5277, 7.1817,
-24.9317

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.9013, 7.0481,

-25.2587

0.0000, NaN, NaN

106.8444, 6.8620,
-25.5304

■ 21.1931, 6.5215,
-21.9938

■ 21.1931, 6.5215,
-21.9938

■ 18.5575, 9.0143,
-28.5690

■ 24.0033, 4.3763,
-16.1827

■ 16.1409, 11.9176,
-36.0201

■ 26.9546, 2.5102,
-10.9971

■ 14.0068, 15.2467,
-44.3122

■ 30.0240, 0.8642,
-6.3079

■ 12.2380, 18.8730,
-53.0292

■ 33.1941, -0.6087,
-2.0096

■ 10.8462, 22.2753,
-61.6421

■ 36.4519, -1.9452,
1.9812

■ 10.8460, 22.2759,
-61.6438

■ 39.7876, -3.1734,
5.7293

■ 43.1930, -4.3148,
9.2846

■ 46.6620, -5.3863,
12.6862

■ 50.1893, -6.4009,
15.9645

Harmonies

Analogous

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



21.1935, -3.3163, -24.4822



21.1931, 6.5215, -21.9938



21.1935, 15.5894, -12.2491

Triad

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



21.1935, 6.5216, -21.9932



21.1935, 11.0638, 10.8908



21.1935, -16.4315, 3.1673

Complementary

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



21.1931, 6.5215, -21.9938



34.0787, -5.4152, 15.4549

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.



21.1935, -13.8775, 9.1923



21.1931, 6.5215, -21.9938



21.1935, 1.1446, 12.1900

Square

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



21.1935, 6.5216, -21.9932



21.1935, 18.5188, 6.9015



21.1935, -7.8332, 11.7462



21.1935, -15.5038, -6.8591

Rectangle

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



21.1931, 6.5215, -21.9938



21.1935, 19.4048, -4.6001



21.1935, -7.8332, 11.7462



21.1935, -15.9694, 5.6424

Sweetspot

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



21.1935, 6.5216, -21.9932



41.6628, 0.2283, -5.6966



33.2685, -13.8487, 0.1457



19.9371, 0.2517, -3.1767



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



21.1935, 6.5216, -21.9932



24.0013, 12.5597, -39.4496



21.6379, 13.3650, -20.8772



16.7419, -0.3786, -0.7819



12.1537, 25.7684, -70.8176



26.5869, 63.4857, -170.2788

Inverse Universe

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



23.4055, 15.3026, 5.2124



27.9984, 25.7395, 8.4023



33.9380, -13.1381, 15.2104



16.8832, 0.4744, 1.1887



19.1119, 32.8592, 11.3462



43.5734, 74.7697, 27.0017

Previews

White Background



This preview shows how the HunterLab color 21.1931, 6.5215, -21.9938 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

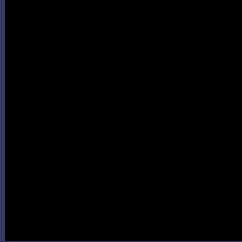
Any Text WCAG AA × Fail

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 21.1931, 6.5215, -21.9938 Background



This preview shows how black text looks on a background with the HunterLab color 21.1931, 6.5215, -21.9938.



This preview shows how white text looks on a background with the HunterLab color 21.1931, 6.5215, -21.9938.

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

21.1931, 6.5215, -21.9938

Protanopia

21.1114, 4.0493, -23.7015

Deuteranopia

21.1249, 1.3079, -21.5152



Tritanopia

21.3726, -5.4812, -2.5451

Trichromacy



Original Color

21.1931, 6.5215, -21.9938

Protanomaly

21.0217, 4.8833, -23.1525

Deuteranomaly

21.1650, 2.7031, -21.4005

Tritanomaly

21.1883, -1.3925, -8.7513

Monochromacy



Original Color

21.1931, 6.5215, -21.9938

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

21.2268, 0.8735, -5.4978

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1931, 6.5215, -21.9938 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(51, 56, 102)` looks like.

```
.text, #text, p{  
    color:rgb(51, 56, 102)  
}
```

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(51, 56, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 56, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1931, 6.5215, -21.9938 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(51, 56, 102) }
```


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

```
.border{ border-color:rgb(51, 56, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 56, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 56, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 56, 102);  
box-shadow:4px 4px 4px 4px rgb(51, 56,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.1931, 6.5215, -21.9938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 56, 102) }
```

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

```
.background{ background-color: rgb(51, 56,  
102) }
```

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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