

Converting Colors

HunterLab(21.0145, 9.9220,
-34.3337)

Have a look what the booklet for
HunterLab(21.0145, 9.9220,
-34.3337) contains.

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Color

**HunterLab(21.0117, 9.8251,
-34.3698)**

Conversions

Conversions Part 1

Format	Color
Hex	2A3675
RGB	42, 54, 117
RGB Percent	16%, 21%, 46%
CMY	0.8353, 0.7882, 0.5412
CMYK	0.64, 0.54, 0.00, 0.54
HSL	230°, 47%, 31%
HSV	230°, 64%, 46%
XYZ	5.4849, 4.4149, 17.3927
YIQ	57.5940, -27.3750, 17.0490

Conversions

Conversions Part 2

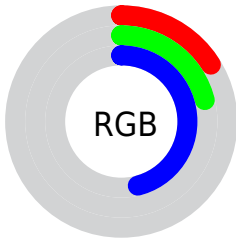
Format	Color
R _Y B	42, 52, 117
Decimal	2766453
CIE Lab	25.00, 16.50, -37.83
CIE LCh	25, 41.272, 293.567
Yxy	4.4150, 0.2010, 0.1618
Android (android.graphics.Color)	4280956533 (0xFF2A3675)
YUV	57.5940, 29.2872, -13.6759
Hunter-Lab	21.0117, 9.8251, -34.3698




Details

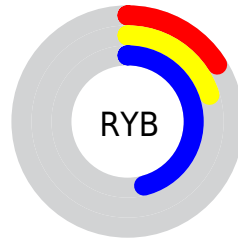
The HunterLab color **21.0117, 9.8251, -34.3698** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **37.4874, -4.6254, 19.5535**, and the grayscale version is **20.3408, -1.0853, 1.1052**.




A 20% lighter version of the original color is **38.0125, 11.1103, -35.6999**, and **8.2480, 10.9917, -34.0373** is the 20% darker color. If you saturate the color by 10%, you get **18.3825, 13.1033, -42.7250**, and if you desaturate by 10%, it is **23.8914, 7.0535, -26.9202**.

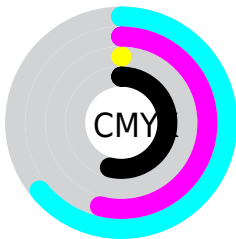
Distribution







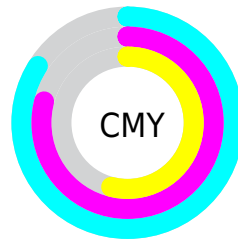
-  Red (16%)
-  Green (21%)
-  Blue (46%)






-  Red (16%)
-  Yellow (20%)
-  Blue (46%)



-  Cyan (64%)
-  Magenta (54%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (84%)
-  Magenta (79%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0117, 9.8251, -34.3698 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 21.0117, 9.8251, -34.3698 by changing the saturation by 10% instead.

■ 21.0117, 9.8251,
-34.3698

■ 21.0117, 9.8251,
-34.3698

■ 120.0089, 11.9676,
-39.2812

■ 13.8143, 9.0622,
-34.7517

■ 38.1324, 10.9247,
-35.1899

■ 7.4390, 9.3413,
-38.8122

■ 47.8838, 11.3053,
-35.8222

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 58.3485, 11.5939,
-36.4761

0.0000, NaN, NaN

■ 69.4809, 11.8014,
-37.1159

0.0000, NaN, NaN

■ 81.2431, 11.9363,
-37.7235

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.6030, 12.0054,

-38.2896

0.0000, NaN, NaN

106.5329, 12.0143,
-38.8095

■ 21.0117, 9.8251,
-34.3698

■ 21.0117, 9.8251,
-34.3698

■ 18.3825, 13.1033,
-42.7250

■ 23.8914, 7.0535,
-26.9202

■ 16.0706, 16.9017,
-51.8921

■ 26.9702, 4.7147,
-20.2961

■ 14.1549, 21.0639,
-61.4029

■ 30.2119, 2.7285,
-14.3636

■ 13.1929, 23.4419,
-67.0942

■ 33.5895, 1.0238,
-8.9911

■ 37.0829, -0.4572,
-4.0658

■ 40.6772, -1.7597,
0.5038

■ 44.3606, -2.9188,
4.7900

■ 48.1238, -3.9617,
8.8495

■ 51.9594, -4.9097,
12.7271

Harmonies

Analogous

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



21.0120, -3.8483, -38.8149



21.0117, 9.8251, -34.3698



21.0120, 22.9856, -18.4256

Triad

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



21.0120, 9.8256, -34.3692



21.0120, 15.8639, 12.7563



21.0120, -20.6276, 3.6356

Complementary

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



21.0117, 9.8251, -34.3698



37.4874, -4.6254, 19.5535

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.



21.0120, -17.6782, 10.9271



21.0117, 9.8251, -34.3698



21.0120, 1.7502, 14.2964

Square

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



21.0120, 9.8256, -34.3692



21.0120, 27.0224, 8.5984



21.0120, -10.2051, 13.6686



21.0120, -19.4651, -10.7462

Rectangle

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



21.0117, 9.8251, -34.3698



21.0120, 28.6019, -6.7494



21.0120, -10.2051, 13.6686



21.0120, -20.1133, 6.8163

Sweetspot

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



21.0120, 9.8256, -34.3692



47.0849, 0.4235, -8.9280



37.7156, -19.4290, 2.1013



22.0692, 0.4236, -5.0086



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.



21.0120, 9.8256, -34.3692



23.0264, 19.9379, -63.0611



20.3321, 20.2012, -36.1945



19.1725, -0.5602, -0.8446



13.7865, 24.8215, -70.8144



29.0029, 60.0119, -165.7995

Inverse Universe

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



23.8840, 24.1958, 6.4770



28.7267, 39.2691, 11.1767



38.9426, -16.8440, 20.3658



19.2602, 0.6380, 1.2402



20.5326, 35.4014, 11.4170



45.2311, 77.7980, 26.6048

Previews

White Background



This preview shows how the HunterLab color 21.0117, 9.8251, -34.3698 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 21.0117, 9.8251, -34.3698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

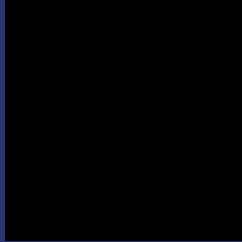
Any Text WCAG AA × Fail

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 21.0117, 9.8251, -34.3698 Background



This preview shows how black text looks on a background with the HunterLab color 21.0117, 9.8251, -34.3698.



This preview shows how white text looks on a background with the HunterLab color 21.0117, 9.8251, -34.3698.

-34.3698.

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

21.0117, 9.8251, -34.3698

Protanopia

20.9401, 6.5383, -38.2000

Deuteranopia

20.9239, -0.1876, -25.7481



Tritanopia

21.0640, -9.3081, -3.9628

Trichromacy



Original Color

21.0117, 9.8251, -34.3698

Protanomaly

20.8963, 7.4892, -37.4102

Deuteranomaly

20.6239, 3.0680, -29.6468

Tritanomaly

20.8423, -3.4093, -13.4804

Monochromacy



Original Color

21.0117, 9.8251, -34.3698

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.5447, 1.3251, -8.6647

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0117, 9.8251, -34.3698 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(42, 54, 117)` looks like.

```
.text, #text, p{  
    color:rgb(42, 54, 117)  
}
```

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(42, 54, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 54, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0117, 9.8251, -34.3698 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(42, 54, 117) }
```


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

```
.border{ border-color:rgb(42, 54, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 54, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 54, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 54, 117);  
box-shadow:4px 4px 4px 4px rgb(42, 54,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.0117, 9.8251, -34.3698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 54, 117) }
```

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

```
.background{ background-color: rgb(42, 54,  
117) }
```

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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