

Converting Colors

HunterLab(16.4087, 17.1462,
-23.7411)

Have a look what the booklet for
HunterLab(16.4087, 17.1462,
-23.7411) contains.

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Color

**HunterLab(16.4114, 17.1534,
-23.7317)**

Conversions

Conversions Part 1

Format	Color
Hex	3D1F59
RGB	61, 31, 89
RGB Percent	24%, 12%, 35%
CMY	0.7608, 0.8784, 0.6510
CMYK	0.31, 0.65, 0.00, 0.65
HSL	271°, 48%, 24%
HSV	271°, 65%, 35%
XYZ	4.2176, 2.6933, 9.7488
YIQ	46.5820, -0.7380, 24.3980

Conversions

Conversions Part 2

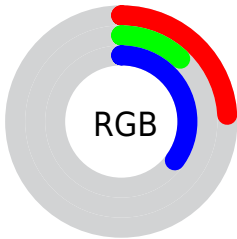
Format	Color
R _Y B	61, 31, 89
Decimal	4005721
CIE Lab	18.77, 27.14, -29.52
CIE LCh	19, 40.101, 312.592
Yxy	2.6934, 0.2532, 0.1617
Android (android.graphics.Color)	4282195801 (0xFF3D1F59)
YUV	46.5820, 20.9121, 12.6446
Hunter-Lab	16.4114, 17.1534, -23.7317

Details

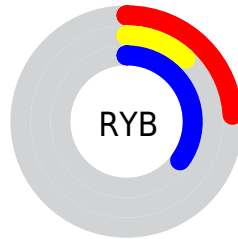
The HunterLab color **16.4114, 17.1534, -23.7317** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **28.5894, -14.9215, 14.6669**, and the grayscale version is **16.6550, -0.8887, 0.9049**.

A 20% lighter version of the original color is **32.5280, 19.5896, -24.8373**, and **5.5047, 12.5954, -21.0042** is the 20% darker color. If you saturate the color by 10%, you get **14.6975, 19.9757, -28.7202**, and if you desaturate by 10%, it is **18.3472, 14.1866, -18.9884**.

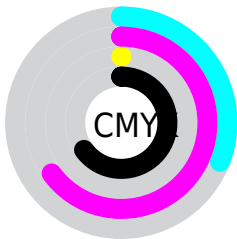
Distribution



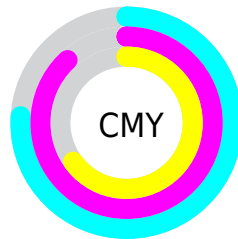
- Red (24%)
- Green (12%)
- Blue (35%)



- Red (24%)
- Yellow (12%)
- Blue (35%)



- Cyan (31%)
- Magenta (65%)
- Yellow (0%)
- Black (65%)



- Cyan (76%)
- Magenta (88%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.4114, 17.1534, -23.7317 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 16.4114, 17.1534, -23.7317 by changing the saturation by 10% instead.

16.4114, 17.1534,
-23.7317

16.4114, 17.1534,
-23.7317

111.5546, 24.1642,
-27.8316

9.8685, 15.7595,
-23.9092

32.4451, 19.5166,
-24.6589

0.0000, INF, -NF

0.0000, NaN, -NF

41.7246, 20.4872,
-25.2357

0.0000, NaN, NaN

51.7511, 21.3365,
-25.7922

0.0000, NaN, NaN

0.0000, NaN, NaN

62.4727, 22.0779,
-26.3067

0.0000, NaN, NaN

73.8468, 22.7227,
-26.7699

0.0000, NaN, NaN

85.8380, 23.2804,

0.0000, NaN, NaN

-27.1786

98.4160, 23.7587,
-27.5323

16.4114, 17.1534,
-23.7317

16.4114, 17.1534,
-23.7317

14.6975, 19.9757,
-28.7202

18.3472, 14.1866,
-18.9884

13.2485, 22.4485,
-33.7397

20.4655, 11.1954,
-14.5743

12.0239, 24.5941,
-38.7646

22.7351, 8.2387,
-10.4941

11.4146, 25.8666,
-41.6052

25.1315, 5.3401,
-6.7178

27.6356, 2.5044,
-3.2041

■ 30.2325, -0.2723,
0.0892

■ 32.9105, -2.9976,
3.1999

■ 35.6603, -5.6797,
6.1603

■ 38.4744, -8.3269,
8.9973

Harmonies

Analogous

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



16.4117, 4.2856, -36.3484



16.4114, 17.1534, -23.7317



16.4117, 26.3573, -6.8250

Triad

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



16.4117, 17.1533, -23.7311



16.4117, 6.3593, 11.4882



16.4117, -17.4887, -4.4504

Complementary

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



16.4114, 17.1534, -23.7317



28.5894, -14.9215, 14.6669

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.



16.4117, -17.2213, 6.0659



16.4114, 17.1534, -23.7317



16.4117, -5.4703, 11.4882

Square

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



16.4117, 17.1533, -23.7311



16.4117, 19.0307, 10.1683



16.4117, -13.4286, 10.7701



16.4117, -14.3020, -20.9917

Rectangle

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



16.4114, 17.1534, -23.7317



16.4117, 27.9494, 1.8261



16.4117, -13.4286, 10.7701



16.4117, -17.7674, -0.0976

Sweetspot

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



16.4117, 17.1533, -23.7311



34.3149, 5.2877, -6.6572



20.3569, -1.1291, -15.0030



16.9788, 2.9965, -3.7684



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.



16.4117, 17.1533, -23.7311



18.1604, 27.8962, -41.0292



19.5167, 24.1305, -15.6211



14.5112, 0.3542, -0.5283



13.7373, 31.2681, -51.1417



31.7256, 73.1641, -125.4898

Inverse Universe

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



18.4923, 19.7559, -1.5255



21.8096, 30.9718, -1.0839



27.4595, -19.4664, 13.6340



14.6084, 0.5733, 0.4574



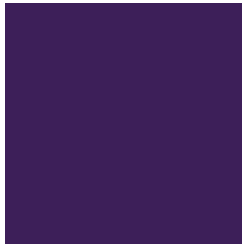
18.3773, 32.8063, 1.5299



43.3499, 77.0013, 6.5905

Previews

White Background



This preview shows how the HunterLab color 16.4114, 17.1534, -23.7317 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 16.4114, 17.1534, -23.7317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

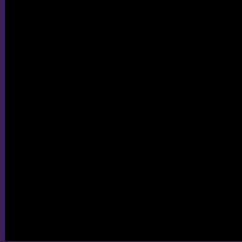
Any Text WCAG AA × Fail

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 16.4114, 17.1534, -23.7317 Background



This preview shows how black text looks on a background with the HunterLab color 16.4114, 17.1534, -23.7317.



This preview shows how white text looks on a background with the HunterLab color 16.4114, 17.1534, -23.7317.

-23.7317.

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

16.4114, 17.1534, -23.7317

Protanopia

16.4408, 3.8429, -28.8452

Deuteranopia

16.3020, -0.3023, -19.7236



Tritanopia

16.6237, 1.8541, 0.6842

Trichromacy



Original Color

16.4114, 17.1534, -23.7317

Protanomaly

15.7432, 7.2064, -29.1742

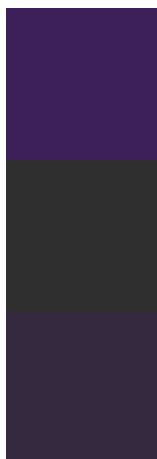
Deuteranomaly

15.5317, 4.5796, -23.1570

Tritanomaly

16.2468, 7.0104, -6.4976

Monochromacy



Original Color

16.4114, 17.1534, -23.7317

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.3210, 5.1086, -6.4097

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.4114, 17.1534, -23.7317 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(61, 31, 89)` looks like.

```
.text, #text, p{  
    color:rgb(61, 31, 89)  
}
```

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(61, 31, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 31, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 16.4114, 17.1534, -23.7317 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(61, 31, 89) }
```


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

```
.border{ border-color:rgb(61, 31, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 31, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 31, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 31, 89);  
box-shadow:4px 4px 4px 4px rgb(61, 31, 89)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.4114, 17.1534, -23.7317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 31, 89) }
```

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

```
.background{ background-color: rgb(61, 31,  
89) }
```

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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