

Converting Colors

HunterLab(13.7685, 21.4744,
-23.8778)

Have a look what the booklet for
HunterLab(13.7685, 21.4744,
-23.8778) contains.

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Color

**HunterLab(13.8309, 21.5249,
-23.6348)**

Conversions

Conversions Part 1

Format	Color
Hex	3D0F50
RGB	61, 15, 80
RGB Percent	24%, 6%, 31%
CMY	0.7608, 0.9412, 0.6863
CMYK	0.24, 0.81, 0.00, 0.69
HSL	282°, 68%, 19%
HSV	282°, 81%, 31%
XYZ	3.5433, 1.9129, 7.7719
YIQ	36.1640, 6.5510, 29.9670

Conversions

Conversions Part 2

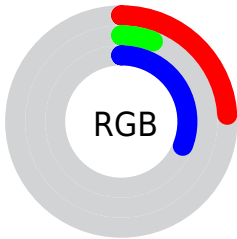
Format	Color
R_{YB}	61, 15, 80
Decimal	4001616
CIE _{Lab}	15.02, 33.31, -29.47
CIE _{LCh}	15, 44.475, 318.493
Yxy	1.9130, 0.2679, 0.1446
Android (android.graphics.Color)	4282191696 (0xFF3D0F50)
YUV	36.1640, 21.6111, 21.7812
Hunter-Lab	13.8309, 21.5249, -23.6348

Details

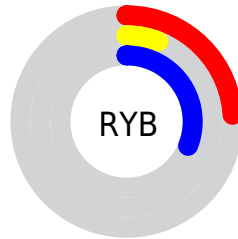
The HunterLab color **13.8309, 21.5249, -23.6348** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **24.7223, -17.1658, 13.8493**, and the grayscale version is **13.2668, -0.7079, 0.7208**.

A 20% lighter version of the original color is **29.2339, 24.3239, -24.3925**, and **3.9194, 9.8081, -21.4675** is the 20% darker color. If you saturate the color by 10%, you get **12.8480, 23.4702, -26.6955**, and if you desaturate by 10%, it is **15.0333, 19.1206, -20.3338**.

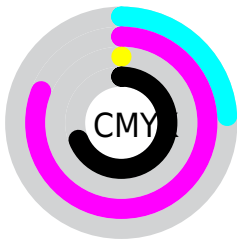
Distribution



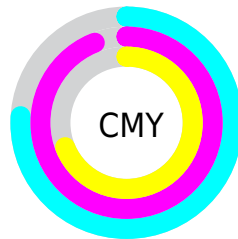
- Red (24%)
- Green (6%)
- Blue (31%)



- Red (24%)
- Yellow (6%)
- Blue (31%)



- Cyan (24%)
- Magenta (81%)
- Yellow (0%)
- Black (69%)



- Cyan (76%)
- Magenta (94%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.8309, 21.5249, -23.6348 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 13.8309, 21.5249, -23.6348 by changing the saturation by 10% instead.

13.8309, 21.5249,
-23.6348

13.8309, 21.5249,
-23.6348

106.5663, 31.1971,
-27.6635

7.4578, 21.5870,
-25.4963

29.1725, 24.5051,
-24.3912

0.0000, INF, -NF

0.0000, NaN, -NF

38.1561, 25.7983,
-24.9645

0.0000, NaN, NaN

47.9094, 26.9615,
-25.5315

0.0000, NaN, NaN

58.3759, 28.0059,
-26.0623

0.0000, NaN, NaN

0.0000, NaN, NaN

69.5099, 28.9425,
-26.5442

0.0000, NaN, NaN

81.2736, 29.7810,

0.0000, NaN, NaN

-26.9723

93.6350, 30.5301,
-27.3453

13.8309, 21.5249,
-23.6348

13.8309, 21.5249,
-23.6348

12.8480, 23.4702,
-26.6955

15.0333, 19.1206,
-20.3338

11.9909, 25.3648,
-29.6941

16.4509, 16.3826,
-16.9290

18.0551, 13.4716,
-13.5613

19.8183, 10.4961,
-10.3095

21.7169, 7.5203,
-7.2068

■ 23.7308, 4.5778,
-4.2589

■ 25.8439, 1.6832,
-1.4570

■ 28.0432, -1.1599,
1.2138

■ 30.3179, -3.9536,
3.7706

Harmonies

Analogous

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



13.8312, 7.4989, -41.4029



13.8309, 21.5249, -23.6348



13.8312, 30.4934, -4.4677

Triad

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



13.8312, 21.5247, -23.6342



13.8312, 4.2485, 9.6818



13.8312, -17.0907, -8.3389

Complementary

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



13.8309, 21.5249, -23.6348



24.7223, -17.1658, 13.8493

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.



13.8312, -17.5326, 4.4996



13.8309, 21.5249, -23.6348



13.8312, -7.4094, 9.6818

Square

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



13.8312, 21.5247, -23.6342



13.8312, 18.4486, 9.6818



13.8312, -14.2956, 9.6818



13.8312, -13.0863, -28.4679

Rectangle

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



13.8309, 21.5249, -23.6348



13.8312, 30.8701, 3.6550



13.8312, -14.2956, 9.6818



13.8312, -17.6606, -2.9572

Sweetspot

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



13.8312, 21.5247, -23.6342



30.3681, 7.4488, -7.0136



13.6150, 5.4295, -24.5658



15.1753, 4.2168, -3.9953



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



13.8312, 21.5247, -23.6342



16.0340, 32.6705, -38.5201



15.6602, 23.7988, -10.0384



13.8122, 0.5062, -0.4068



15.7039, 33.3292, -39.7410



37.0745, 79.2132, -97.9179

Inverse Universe

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



14.7060, 19.9985, 3.3103



17.7560, 30.0336, 6.7162



24.3367, -18.5662, 11.9945



13.8292, 0.4241, 0.6989



17.5291, 30.5704, 7.0540



41.9278, 72.7931, 19.4154

Previews

White Background



This preview shows how the HunterLab color 13.8309, 21.5249, -23.6348 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

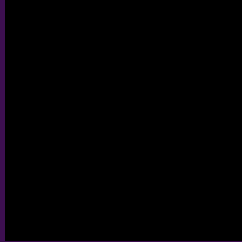
Any Text WCAG AA × Fail

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 13.8309, 21.5249, -23.6348 Background



This preview shows how black text looks on a background with the HunterLab color 13.8309, 21.5249, -23.6348.



This preview shows how white text looks on a background with the HunterLab color 13.8309, 21.5249, -23.6348.

-23.6348.

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

13.8309, 21.5249, -23.6348

Protanopia

14.0723, 3.0042, -24.0743

Deuteranopia

14.0446, -0.4794, -16.5198



Tritanopia

14.3377, 4.9350, 2.0192

Trichromacy



Original Color

13.8309, 21.5249, -23.6348

Protanomaly

13.0123, 8.5099, -27.3030

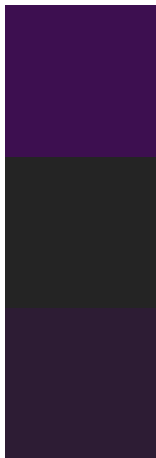
Deuteranomaly

12.8256, 6.1820, -21.9377

Tritanomaly

13.7901, 10.8050, -5.2817

Monochromacy



Original Color

13.8309, 21.5249, -23.6348

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

12.7919, 7.1589, -7.0505

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.8309, 21.5249, -23.6348 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, 15, 80)` looks like.

```
.text, #text, p{  
    color:rgb(61, 15, 80)  
}
```

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, 15, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 15, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 13.8309, 21.5249, -23.6348 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, 15, 80) }
```


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

```
.border{ border-color:rgb(61, 15, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 15, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 15, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 15, 80);  
box-shadow:4px 4px 4px 4px rgb(61, 15, 80)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.8309, 21.5249, -23.6348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 15, 80) }
```

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

```
.background{ background-color: rgb(61, 15,  
80) }
```

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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