

Converting Colors

HunterLab(13.2760, 8.6253,
-19.2918)

Have a look what the booklet for
HunterLab(13.2760, 8.6253,
-19.2918) contains.

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Color

**HunterLab(13.3097, 8.3789,
-18.9628)**

Conversions

Conversions Part 1

Format	Color
Hex	241E48
RGB	36, 30, 72
RGB Percent	14%, 12%, 28%
CMY	0.8588, 0.8824, 0.7176
CMYK	0.50, 0.58, 0.00, 0.72
HSL	249°, 41%, 20%
HSV	249°, 58%, 28%
XYZ	2.3615, 1.7715, 6.3483
YIQ	36.5820, -9.9060, 14.3340

Conversions

Conversions Part 2

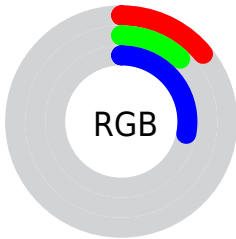
Format	Color
RYB	36, 30, 72
Decimal	2367048
CIELab	14.24, 15.56, -25.42
CIELCh	14, 29.800, 301.473
Yxy	1.7715, 0.2253, 0.1690
Android (android.graphics.Color)	4280557128 (0xFF241E48)
YUV	36.5820, 17.4611, -0.5104
Hunter-Lab	13.3097, 8.3789, -18.9628

Details

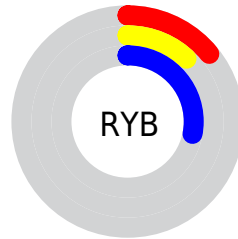
The HunterLab color **13.3097, 8.3789, -18.9628** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **24.2625, -7.1573, 11.8235**, and the grayscale version is **13.4164, -0.7159, 0.7289**.

A 20% lighter version of the original color is **28.5707, 9.7047, -19.7636**, and **3.2488, 6.4270, -17.9348** is the 20% darker color. If you saturate the color by 10%, you get **11.6028, 10.5040, -23.9954**, and if you desaturate by 10%, it is **15.1638, 6.4168, -14.5154**.

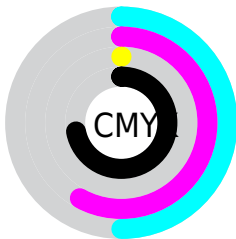
Distribution



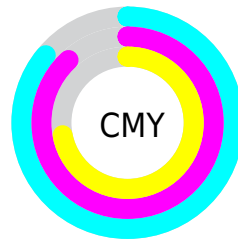
- Red (14%)
- Green (12%)
- Blue (28%)



- Red (14%)
- Yellow (12%)
- Blue (28%)



- Cyan (50%)
- Magenta (58%)
- Yellow (0%)
- Black (72%)



- Cyan (86%)
- Magenta (88%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.3097, 8.3789, -18.9628 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 13.3097, 8.3789, -18.9628 by changing the saturation by 10% instead.

■ 13.3097, 8.3789,
-18.9628

■ 13.3097, 8.3789,
-18.9628

■ 105.5319, 10.9768,
-22.5101

■ 6.8509, 9.5300,
-21.0452

■ 28.5024, 9.6672,
-19.8625

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 37.4227, 10.1118,
-20.3927

0.0000, NaN, NaN

■ 47.1178, 10.4516,
-20.8869

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.5302, 10.7008,
-21.3284

0.0000, NaN, NaN

■ 68.6133, 10.8703,
-21.7115

0.0000, NaN, NaN

■ 80.3288, 10.9685,

0.0000, NaN, NaN

-22.0353

92.6444, 11.0022,
-22.3008

13.3097, 8.3789,
-18.9628

13.3097, 8.3789,
-18.9628

11.6028, 10.5040,
-23.9954

15.1638, 6.4168,
-14.5154

10.0835, 12.7619,
-29.6123

17.1347, 4.6061,
-10.5753

8.7975, 15.0569,
-35.6344

19.2014, 2.9227,
-7.0480

7.5317, 18.2211,
-43.3030

21.3483, 1.3420,
-3.8489

7.3094, 18.9184,
-44.8958

23.5640, -0.1577,
-0.9088

■ 25.8398, -1.5940,
1.8270

■ 28.1689, -2.9808,
4.4010

■ 30.5461, -4.3292,
6.8465

■ 32.9670, -5.6478,
9.1890

Harmonies

Analogous

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



13.3099, -0.3104, -24.0223



13.3097, 8.3789, -18.9628



13.3099, 15.8132, -8.4072

Triad

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



13.3099, 8.3790, -18.9624



13.3099, 7.5228, 9.3169



13.3099, -12.9510, 0.3402

Complementary

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



13.3097, 8.3789, -18.9628



24.2625, -7.1573, 11.8235

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.



13.3099, -11.7683, 6.1031



13.3097, 8.3789, -18.9628



13.3099, -1.1067, 9.3169

Square

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



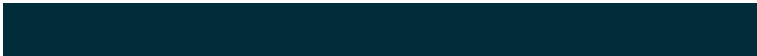
13.3099, 8.3790, -18.9624



13.3099, 15.2418, 6.5163



13.3099, -7.8704, 9.3169



13.3099, -11.5121, -9.4916

Rectangle

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



13.3097, 8.3789, -18.9628



13.3099, 18.3301, -1.6505



13.3099, -7.8704, 9.3169



13.3099, -12.8464, 2.7292

Sweetspot

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



13.3099, 8.3790, -18.9624



28.3536, 1.6390, -4.8165



21.6501, -7.5732, -3.5818



14.5137, 0.9350, -2.6635



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



13.3099, 8.3790, -18.9624



14.3759, 15.1772, -34.8908



15.0153, 12.9367, -14.7299



12.1779, -0.0631, -0.5068



10.0226, 26.2381, -63.8640



24.2018, 64.3500, -161.9079

Inverse Universe

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



16.4305, 16.0072, -8.1941



19.7428, 26.1247, -13.1329



23.0119, -11.9460, 10.8060



12.3783, 0.5938, -0.0496



18.2696, 34.8980, -16.1853



44.9904, 85.7570, -38.4433

Previews

White Background



This preview shows how the HunterLab color 13.3097, 8.3789, -18.9628 looks on a white background.

Color Contrast Check

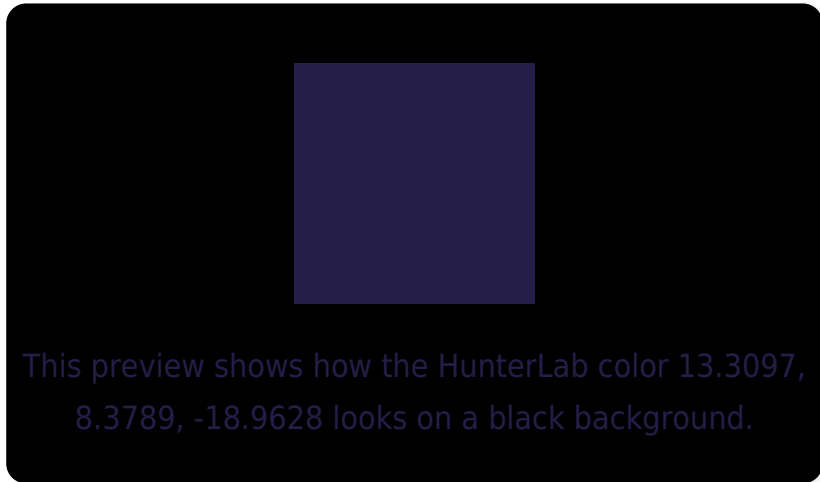
Large Text (above 18pt) WCAG AA ✓ Pass

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

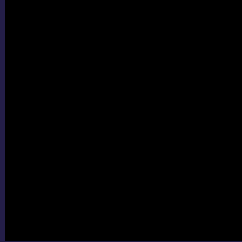
Any Text WCAG AA × Fail

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 13.3097, 8.3789, -18.9628 Background



This preview shows how black text looks on a background with the HunterLab color 13.3097, 8.3789, -18.9628.



This preview shows how white text looks on a background with the HunterLab color 13.3097, 8.3789, -18.9628.

-18.9628.

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

13.3097, 8.3789, -18.9628

Protanopia

13.0769, 2.6549, -22.0762

Deuteranopia

13.0568, -0.7609, -14.6772



Tritanopia

13.3392, -2.6643, -1.1515

Trichromacy



Original Color

13.3097, 8.3789, -18.9628

Protanomaly

12.9139, 4.2970, -21.7115

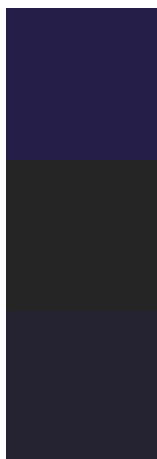
Deuteranomaly

12.8335, 2.3188, -17.3173

Tritanomaly

13.1378, 0.8711, -6.5510

Monochromacy



Original Color

13.3097, 8.3789, -18.9628

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.2953, 2.3858, -5.2226

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.3097, 8.3789, -18.9628 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(36, 30, 72)` looks like.

```
.text, #text, p{  
    color:rgb(36, 30, 72)  
}
```

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(36, 30, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 30, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 13.3097, 8.3789, -18.9628 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(36, 30, 72) }
```


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

```
.border{ border-color:rgb(36, 30, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 30, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 30, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 30, 72);  
box-shadow:4px 4px 4px 4px rgb(36, 30, 72)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.3097, 8.3789, -18.9628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 30, 72) }
```

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

```
.background{ background-color: rgb(36, 30,  
72) }
```

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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