

Converting Colors

HunterLab(13.4670, 18.0754,
-17.9808)

Have a look what the booklet for
HunterLab(13.4670, 18.0754,
-17.9808) contains.

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Color

**HunterLab(13.3682, 17.9795,
-17.8868)**

Conversions

Conversions Part 1

Format	Color
Hex	3A1247
RGB	58, 18, 71
RGB Percent	23%, 7%, 28%
CMY	0.7725, 0.9294, 0.7216
CMYK	0.18, 0.75, 0.00, 0.72
HSL	285°, 60%, 17%
HSV	285°, 75%, 28%
XYZ	3.0986, 1.7871, 6.1429
YIQ	36.0020, 6.8270, 24.9630

Conversions

Conversions Part 2

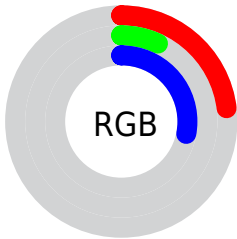
Format	Color
RYB	58, 18, 71
Decimal	3805767
CIELab	14.33, 29.00, -24.42
CIElCh	14, 37.913, 319.907
Yxy	1.7872, 0.2810, 0.1620
Android (android.graphics.Color)	4281995847 (0xFF3A1247)
YUV	36.0020, 17.2540, 19.2922
Hunter-Lab	13.3682, 17.9795, -17.8868




Details

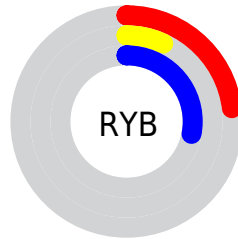
The HunterLab color **13.3682, 17.9795, -17.8868** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **22.0034, -14.7566, 11.7579**, and the grayscale version is **13.2285, -0.7058, 0.7187**.




A 20% lighter version of the original color is **28.5459, 20.6232, -18.9561**, and **2.8130, 7.6304, -19.9878** is the 20% darker color. If you saturate the color by 10%, you get **12.4108, 20.0097, -20.4810**, and if you desaturate by 10%, it is **14.5162, 15.6070, -15.1302**.

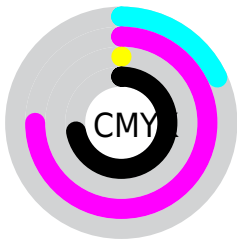
Distribution







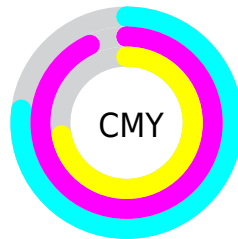
-  Red (23%)
-  Green (7%)
-  Blue (28%)






-  Red (23%)
-  Yellow (7%)
-  Blue (28%)



-  Cyan (18%)
-  Magenta (75%)
-  Yellow (0%)
-  Black (72%)



-  Cyan (77%)
-  Magenta (93%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.3682, 17.9795, -17.8868 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 13.3682, 17.9795, -17.8868 by changing the saturation by 10% instead.

■ 13.3682, 17.9795,
-17.8868

■ 13.3682, 17.9795,
-17.8868

■ 105.6486, 26.1397,
-21.2760

■ 6.9221, 18.9891,
-19.6684

■ 28.5778, 20.6364,
-18.8119

0.0000, INF, -NF

0.0000, NaN, NaN

■ 37.5053, 21.7513,
-19.3257

0.0000, NaN, NaN

■ 47.2070, 22.7366,
-19.7968

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.6255, 23.6061,
-20.2117

0.0000, NaN, NaN

■ 68.7144, 24.3717,
-20.5663

0.0000, NaN, NaN

■ 80.4354, 25.0437,

0.0000, NaN, NaN

-20.8607

92.7561, 25.6306,
-21.0965

13.3682, 17.9795,
-17.8868

13.3682, 17.9795,
-17.8868

12.4108, 20.0097,
-20.4810

14.5162, 15.6070,
-15.1302

11.5591, 21.8962,
-23.0710

15.8315, 13.0390,
-12.3417

11.0806, 23.0814,
-24.6658

17.2917, 10.3816,
-9.6032

18.8762, 7.7032,
-6.9580

20.5672, 5.0427,
-4.4231

■ 22.3500, 2.4199,
-1.9997

■ 24.2123, -0.1576,
0.3191

■ 26.1445, -2.6892,
2.5442

■ 28.1383, -5.1775,
4.6871

Harmonies

Analogous

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



13.3685, 6.6905, -31.6897



13.3682, 17.9795, -17.8868



13.3685, 24.7896, -2.9978

Triad

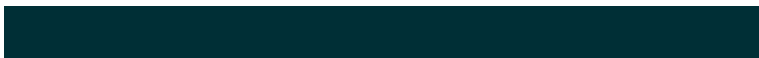
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.3685, 17.9792, -17.8862



13.3685, 2.9230, 9.3579



13.3685, -14.8836, -7.3719

Complementary

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



13.3682, 17.9795, -17.8868



22.0034, -14.7566, 11.7579

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.



13.3685, -15.4307, 3.6172



13.3682, 17.9795, -17.8868



13.3685, -6.7915, 9.3579

Square

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



13.3685, 17.9792, -17.8862



13.3685, 14.5167, 9.3579



13.3685, -12.7179, 9.2690



13.3685, -11.1971, -23.0708

Rectangle

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



13.3682, 17.9795, -17.8868



13.3685, 24.8080, 3.5712



13.3685, -12.7179, 9.2690



13.3685, -15.4377, -2.9216

Sweetspot

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



13.3685, 17.9792, -17.8862



27.1510, 5.9420, -5.1763



12.5566, 4.7994, -20.3266



13.6073, 3.1755, -2.7771



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



13.3685, 17.9792, -17.8862



15.2592, 27.8162, -29.2744



14.4056, 19.0541, -7.1285



12.3282, 0.4494, -0.3075



15.5166, 32.4339, -35.4084



37.7270, 79.3013, -89.5174

Inverse Universe

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



13.6791, 16.0204, 3.0906



15.9851, 24.7398, 5.8639



21.7609, -15.4962, 9.5582



12.3271, 0.3181, 0.6790



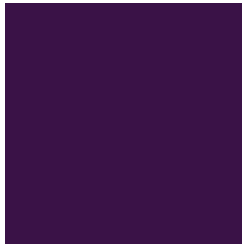
16.5700, 28.7846, 7.5451



40.7493, 70.4770, 20.9619

Previews

White Background



This preview shows how the HunterLab color 13.3682, 17.9795, -17.8868 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

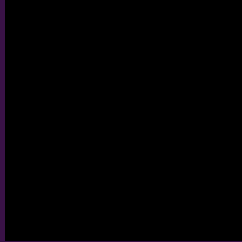
Any Text WCAG AA × Fail

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 13.3682, 17.9795, -17.8868 Background



This preview shows how black text looks on a background with the HunterLab color 13.3682, 17.9795, -17.8868.



This preview shows how white text looks on a background with the HunterLab color 13.3682, 17.9795, -17.8868.

-17.8868.

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

13.3682, 17.9795, -17.8868

Protanopia

13.4074, 2.7706, -22.7390

Deuteranopia

13.6206, 0.2334, -15.4087



Tritanopia

13.8036, 5.2424, 2.0972

Trichromacy



Original Color

13.3682, 17.9795, -17.8868

Protanomaly

12.4345, 7.2176, -23.9516

Deuteranomaly

12.7642, 5.4939, -18.1910

Tritanomaly

13.4214, 9.5035, -3.4438

Monochromacy



Original Color

13.3682, 17.9795, -17.8868

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

12.7904, 5.9810, -5.4834

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.3682, 17.9795, -17.8868 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(58, 18, 71)` looks like.

```
.text, #text, p{  
    color:rgb(58, 18, 71)  
}
```

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(58, 18, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 18, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 13.3682, 17.9795, -17.8868 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(58, 18, 71) }
```


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

```
.border{ border-color:rgb(58, 18, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 18, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 18, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 18, 71);  
box-shadow:4px 4px 4px 4px rgb(58, 18, 71)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.3682, 17.9795, -17.8868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 18, 71) }
```

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

```
.background{ background-color: rgb(58, 18,  
71) }
```

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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