

Converting Colors

HunterLab(13.1736, 18.5136,
-17.6005)

Have a look what the booklet for
HunterLab(13.1736, 18.5136,
-17.6005) contains.

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Color

**HunterLab(13.2007, 18.7415,
-17.5626)**

Conversions

Conversions Part 1

Format	Color
Hex	3B1046
RGB	59, 16, 70
RGB Percent	23%, 6%, 27%
CMY	0.7686, 0.9372, 0.7255
CMYK	0.16, 0.77, 0.00, 0.73
HSL	288°, 63%, 17%
HSV	288°, 77%, 27%
XYZ	3.0944, 1.7426, 5.9676
YIQ	35.0130, 8.2940, 25.9100

Conversions

Conversions Part 2

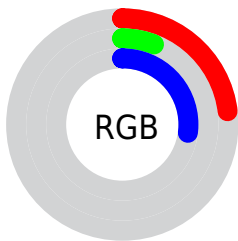
Format	Color
R _Y B	59, 16, 70
Decimal	3870790
CIE Lab	14.07, 30.03, -24.12
CIE LCh	14, 38.513, 321.227
Yxy	1.7427, 0.2864, 0.1613
Android (android.graphics.Color)	4282060870 (0xFF3B1046)
YUV	35.0130, 17.2486, 21.0366
Hunter-Lab	13.2007, 18.7415, -17.5626




Details

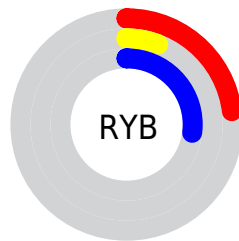
The HunterLab color **13.2007, 18.7415, -17.5626** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **21.5657, -15.0962, 11.6765**, and the grayscale version is **12.9139, -0.6891, 0.7016**.




A 20% lighter version of the original color is **28.4167, 21.1994, -18.5330**, and **2.7310, 7.4077, -19.4046** is the 20% darker color. If you saturate the color by 10%, you get **12.3469, 20.6583, -19.8550**, and if you desaturate by 10%, it is **14.2445, 16.4411, -15.0528**.

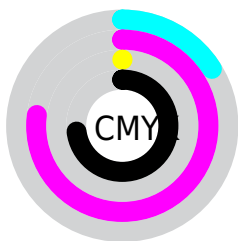
Distribution







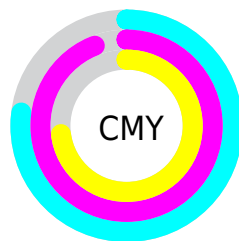
-  Red (23%)
-  Green (6%)
-  Blue (27%)






-  Red (23%)
-  Yellow (6%)
-  Blue (27%)



-  Cyan (16%)
-  Magenta (77%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (77%)
-  Magenta (94%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.2007, 18.7415, -17.5626 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 13.2007, 18.7415, -17.5626 by changing the saturation by 10% instead.

■ 13.2007, 18.7415,
-17.5626

■ 13.2007, 18.7415,
-17.5626

■ 105.3145, 27.3113,
-20.9046

■ 6.7160, 20.2453,
-19.6375

■ 28.3619, 21.4903,
-18.4866

0.0000, INF, -NF

0.0000, NaN, NaN

■ 37.2688, 22.6545,
-18.9958

0.0000, NaN, NaN

■ 46.9517, 23.6883,
-19.4612

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.3525, 24.6047,
-19.8695

0.0000, NaN, NaN

■ 68.4249, 25.4158,
-20.2172

0.0000, NaN, NaN

■ 80.1303, 26.1317,

0.0000, NaN, NaN

-20.5043

92.4361, 26.7611,
-20.7326

13.2007, 18.7415,
-17.5626

13.2007, 18.7415,
-17.5626

12.3469, 20.6583,
-19.8550

14.2445, 16.4411,
-15.0528

11.5356, 22.6203,
-22.2774

15.4603, 13.8993,
-12.4515

11.2939, 23.2564,
-23.0527

16.8267, 11.2337,
-9.8516

18.3233, 8.5248,
-7.3093

19.9318, 5.8217,
-4.8524

■ 21.6368, 3.1511,
-2.4903

■ 23.4255, 0.5252,
-0.2217

■ 25.2873, -2.0527,
1.9601

■ 27.2135, -4.5838,
4.0644

Harmonies

Analogous

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



13.2010, 7.3278, -32.0659



13.2007, 18.7415, -17.5626



13.2010, 25.3830, -2.5181

Triad

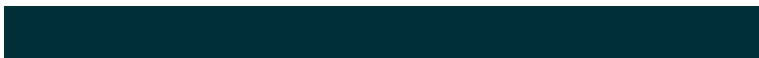
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.2010, 18.7411, -17.5620



13.2010, 2.4795, 9.2407



13.2010, -14.9270, -8.1715

Complementary

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



13.2007, 18.7415, -17.5626



21.5657, -15.0962, 11.6765

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.



13.2010, -15.6408, 3.2991



13.2007, 18.7415, -17.5626



13.2010, -7.1830, 9.2407

Square

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



13.2010, 18.7411, -17.5620



13.2010, 14.2659, 9.2407



13.2010, -12.9881, 9.1943



13.2010, -11.0244, -24.3139

Rectangle

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



13.2007, 18.7415, -17.5626



13.2010, 25.1350, 3.9069



13.2010, -12.9881, 9.1943



13.2010, -15.5463, -3.5390

Sweetspot

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



13.2010, 18.7411, -17.5620



26.9930, 6.5485, -5.3919



11.6995, 5.8812, -22.0523



13.4408, 3.6303, -3.0106



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.



13.2010, 18.7411, -17.5620



15.4300, 29.0860, -28.7131



13.9488, 19.0160, -6.2757



12.3387, 0.4849, -0.2937



16.0624, 33.1694, -33.5119



39.1578, 81.2148, -84.4310

Inverse Universe

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



13.2358, 16.0680, 3.7920



15.7153, 25.0464, 6.8996



21.4267, -15.3770, 9.2889



12.3237, 0.2999, 0.7271



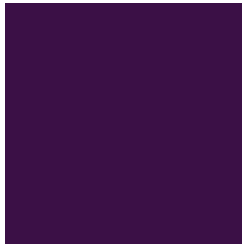
16.5212, 28.6043, 8.2625



40.6471, 70.0991, 22.4688

Previews

White Background



This preview shows how the HunterLab color 13.2007, 18.7415, -17.5626 looks on a white background.

Color Contrast Check

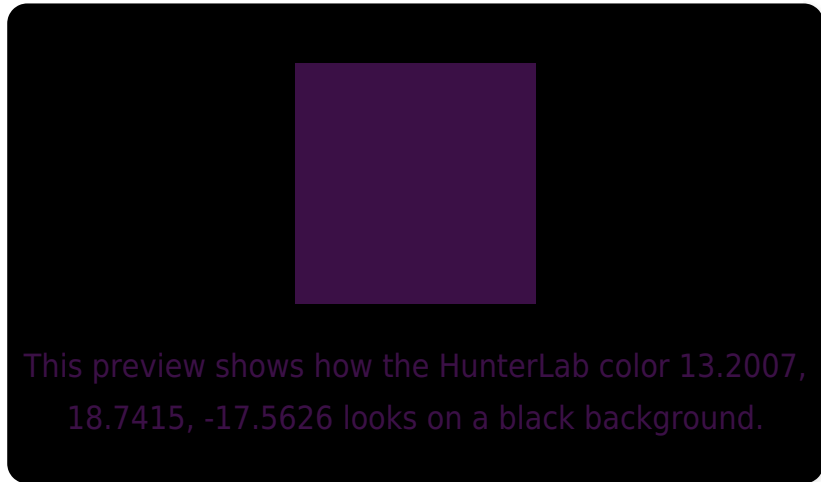
Large Text (above 18pt) WCAG AA ✓ Pass

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

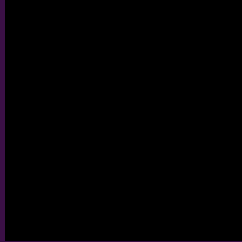
Any Text WCAG AA × Fail

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 13.2007, 18.7415, -17.5626 Background



This preview shows how black text looks on a background with the HunterLab color 13.2007, 18.7415, -17.5626.



This preview shows how white text looks on a background with the HunterLab color 13.2007, 18.7415, -17.5626.

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

13.2007, 18.7415, -17.5626

Protanopia

13.3550, 2.4967, -22.0823

Deuteranopia

13.6041, 0.0008, -14.0807



Tritanopia

13.5005, 6.2569, 2.1095

Trichromacy



Original Color

13.2007, 18.7415, -17.5626

Protanomaly

12.3797, 6.9518, -23.2777

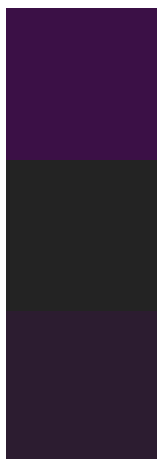
Deuteranomaly

12.5725, 5.7728, -17.1939

Tritanomaly

13.1654, 10.4721, -3.3447

Monochromacy



Original Color

13.2007, 18.7415, -17.5626

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.5673, 6.2360, -5.3393

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.2007, 18.7415, -17.5626 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(59, 16, 70)` looks like.

```
.text, #text, p{  
    color:rgb(59, 16, 70)  
}
```

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(59, 16, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 16, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 13.2007, 18.7415, -17.5626 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(59, 16, 70) }
```


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

```
.border{ border-color:rgb(59, 16, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 16, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 16, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 16, 70);  
box-shadow:4px 4px 4px 4px rgb(59, 16, 70)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.2007, 18.7415, -17.5626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 16, 70) }
```

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

```
.background{ background-color: rgb(59, 16,  
70) }
```

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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