

Converting Colors

HunterLab(13.1563, 58.6661,
-11.1151)

Have a look what the booklet for
HunterLab(13.1563, 58.6661,
-11.1151) contains.

HunterLab(18.6376, 33.7835, -2.4223)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(18.6376, 33.7835,
-2.4223)**

Conversions

Conversions Part 1

Format	Color
Hex	6B003E
RGB	107, 0, 62
RGB Percent	42%, 0%, 24%
CMY	0.5804, 1.0000, 0.7569
CMYK	0.00, 1.00, 0.42, 0.58
HSL	325°, 100%, 21%
HSV	325°, 100%, 42%
XYZ	6.9329, 3.4736, 4.8625
YIQ	39.0610, 43.8700, 41.9660

Conversions

Conversions Part 2

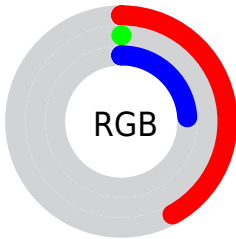
Format	Color
RYB	107, 0, 62
Decimal	7012414
CIELab	21.85, 45.77, -5.70
CIElCh	22, 46.122, 352.901
Yxy	3.4738, 0.4540, 0.2275
Android (android.graphics.Color)	4285202494 (0xFF6B003E)
YUV	39.0610, 11.3089, 59.5825
Hunter-Lab	18.6376, 33.7835, -2.4223

Details

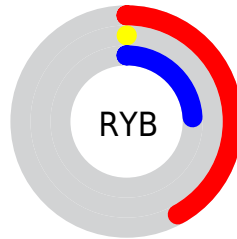
The HunterLab color **18.6376, 33.7835, -2.4223** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **32.7184, -25.9876, 15.2055**, and the grayscale version is **14.2198, -0.7587, 0.7726**.

A 20% lighter version of the original color is **35.1291, 37.2942, -2.1195**, and **9.4407, 16.7024, 1.9533** is the 20% darker color. If you saturate the color by 10%, you get **18.6375, 33.7831, -2.4207**, and if you desaturate by 10%, it is **19.3850, 32.1717, -3.4940**.

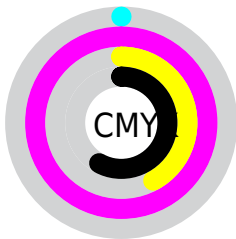
Distribution



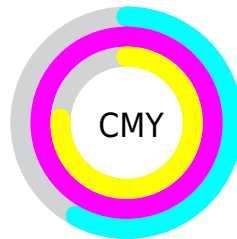
- Red (42%)
- Green (0%)
- Blue (24%)



- Red (42%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (58%)



- Cyan (58%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.6376, 33.7835, -2.4223 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 18.6376, 33.7835, -2.4223 by changing the saturation by 10% instead.

18.6376, 33.7835,
-2.4223

18.6376, 33.7835,
-2.4223

115.7075, 46.9064,
0.3527

11.7635, 32.0098,
-2.3978

35.2178, 37.4288,
-2.2077

4.5249, 47.4995,
-4.9752

44.7335, 39.1096,
-1.9953

0.0000, INF, NaN

0.0000, NaN, NaN

54.9789, 40.6733,
-1.7237

0.0000, NaN, NaN

65.9055, 42.1225,
-1.3988

0.0000, NaN, NaN

77.4730, 43.4635,
-1.0254

0.0000, NaN, NaN

0.0000, NaN, NaN

89.6479, 44.7032,

-0.6070

0.0000, NaN, NaN

102.4010, 45.8487,
-0.1468

18.6376, 33.7835,
-2.4223

18.6376, 33.7835,
-2.4223

18.6375, 33.7831,
-2.4207

19.3850, 32.1717,
-3.4940

20.3279, 30.0776,
-4.3350

21.6324, 27.0834,
-4.6880

23.2786, 23.4312,
-4.5765

25.2323, 19.3692,
-4.0647

■ 27.4546, 15.0977,
-3.2299

■ 29.9080, 10.7545,
-2.1444

■ 32.5593, 6.4233,
-0.8681

■ 35.3800, 2.1487,
0.5530

Harmonies

Analogous

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



18.6381, 25.5806, -21.8666



18.6376, 33.7835, -2.4223



18.6381, 30.7013, 8.4621

Triad

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



18.6381, 33.7816, -2.4217



18.6381, -10.3257, 13.0467



18.6381, -14.5705, -32.9593

Complementary

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



18.6376, 33.7835, -2.4223



32.7184, -25.9876, 15.2055

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.



18.6381, -19.8250, -11.8939



18.6376, 33.7835, -2.4223



18.6381, -17.9252, 10.8558

Square

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



18.6381, 33.7816, -2.4217



18.6381, 2.4359, 13.0467



18.6381, -20.8406, 3.9000



18.6381, -4.1953, -46.2080

Rectangle

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



18.6376, 33.7835, -2.4223



18.6381, 22.9991, 11.6512



18.6381, -20.8406, 3.9000



18.6381, -16.8533, -26.0477

Sweetspot

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



18.6381, 33.7816, -2.4217



39.7294, 14.8893, -3.0050



12.6899, 30.0927, -56.6437



19.0200, 8.2374, -1.7178



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



18.6381, 33.7816, -2.4217



24.8902, 45.0277, -2.5406



17.7357, 30.4803, 10.6055



17.7297, 0.8514, 0.3508



20.5418, 37.2080, -2.4591



46.1786, 83.3009, -2.8622

Inverse Universe

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



18.6381, 33.7816, -2.4217



24.8902, 45.0277, -2.5406



33.7622, -19.6093, 0.1320



17.7297, 0.8514, 0.3508



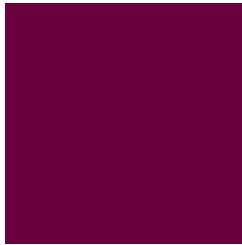
20.5418, 37.2080, -2.4591



46.1786, 83.3009, -2.8622

Previews

White Background



This preview shows how the HunterLab color 18.6376, 33.7835, -2.4223 looks on a white background.

Color Contrast Check

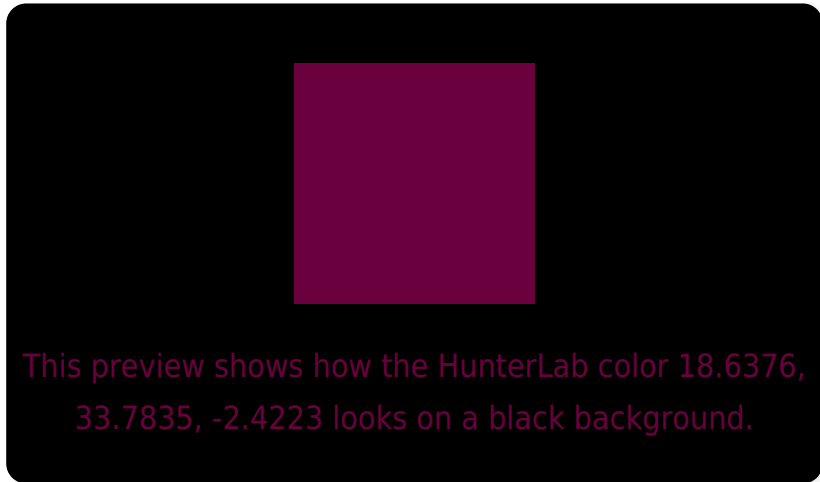
Large Text (above 18pt) WCAG AA ✓ Pass

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

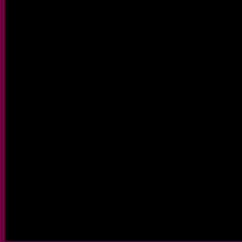
Any Text WCAG AA × Fail

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 18.6376, 33.7835, -2.4223 Background



This preview shows how black text looks on a background with the HunterLab color 18.6376, 33.7835, -2.4223.



This preview shows how white text looks on a background with the HunterLab color 18.6376, 33.7835, -2.4223.

-2.4223.

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

18.6376, 33.7835, -2.4223

Protanopia

19.9728, 2.6558, -15.7026

Deuteranopia

20.0496, 0.7845, 0.9214



Tritanopia

19.4132, 24.4029, 9.5806

Trichromacy



Original Color

18.6376, 33.7835, -2.4223

Protanomaly

17.2043, 14.7872, -14.6322

Deuteranomaly

17.7131, 14.6758, -2.6782

Tritanomaly

18.9069, 28.0814, 6.3916

Monochromacy



Original Color

18.6376, 33.7835, -2.4223

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.1085, 12.9508, -2.3814

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.6376, 33.7835, -2.4223 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(107, 0, 62)` looks like.

```
.text, #text, p{  
    color:rgb(107, 0, 62)  
}
```

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(107, 0, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 0, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 18.6376, 33.7835, -2.4223 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(107, 0, 62) }
```


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

```
.border{ border-color:rgb(107, 0, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 0, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 0, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 0, 62);  
box-shadow:4px 4px 4px 4px rgb(107, 0, 62)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.6376, 33.7835, -2.4223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 0, 62) }
```

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

```
.background{ background-color: rgb(107, 0,  
62) }
```

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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