

Converting Colors

HunterLab(23.2238, 17.8726,
-18.8050)

Have a look what the booklet for
HunterLab(23.2238, 17.8726,
-18.8050) contains.

HunterLab(23.2236, 17.8732, -18.8127)	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(23.2236, 17.8732,
-18.8127)**

Conversions

Conversions Part 1

Format	Color
Hex	573368
RGB	87, 51, 104
RGB Percent	34%, 20%, 41%
CMY	0.6588, 0.8000, 0.5922
CMYK	0.16, 0.51, 0.00, 0.59
HSL	281°, 34%, 30%
HSV	281°, 51%, 41%
XYZ	7.6130, 5.3934, 13.7364
YIQ	67.8060, 4.4430, 24.1150

Conversions

Conversions Part 2

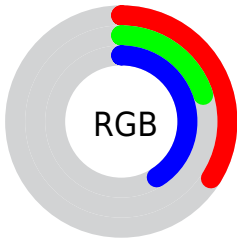
Format	Color
R_{YB}	87, 51, 104
Decimal	5714792
CIE _{Lab}	27.83, 26.62, -24.74
CIE _{LCh}	28, 36.343, 317.092
Yxy	5.3936, 0.2847, 0.2017
Android (android.graphics.Color)	4283904872 (0xFF573368)
YUV	67.8060, 17.8436, 16.8331
Hunter-Lab	23.2236, 17.8732, -18.8127

Details

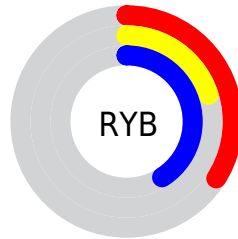
The HunterLab color $[23.2236, 17.8732, -18.8127]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[33.7175, -17.0143, 14.9710]$, and the grayscale version is $[23.9132, -1.2759, 1.2992]$.

A 20% lighter version of the original color is $[40.8577, 19.6303, -19.4802]$, and $[9.2038, 15.2270, -18.1635]$ is the 20% darker color. If you saturate the color by 10%, you get $[21.0413, 21.7483, -23.5577]$, and if you desaturate by 10%, it is $[25.6332, 13.9027, -14.2545]$.

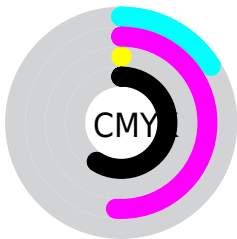
Distribution



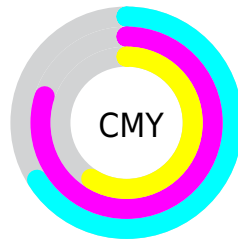
- Red (34%)
- Green (20%)
- Blue (41%)



- Red (34%)
- Yellow (20%)
- Blue (41%)



- Cyan (16%)
- Magenta (51%)
- Yellow (0%)
- Black (59%)



- Cyan (66%)
- Magenta (80%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.2236, 17.8732, -18.8127 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 23.2236, 17.8732, -18.8127 by changing the saturation by 10% instead.

■ 23.2236, 17.8732,
-18.8127

■ 23.2236, 17.8732,
-18.8127

■ 123.9176, 23.8501,
-21.8482

■ 15.7480, 16.6258,
-18.3467

■ 40.8158, 19.9276,
-19.8466

■ 9.3091, 15.2454,
-18.2079

■ 50.7742, 20.7642,
-20.3070

0.0000, INF, -NF

■ 61.4321, 21.4925,
-20.7099

0.0000, NaN, -NF

■ 72.7463, 22.1240,
-21.0527

0.0000, NaN, NaN

■ 84.6806, 22.6682,
-21.3359

0.0000, NaN, NaN

■ 97.2044, 23.1331,

0.0000, NaN, NaN

0.0000, NaN, NaN

-21.5613

0.0000, NaN, NaN

110.2911, 23.5252,
-21.7313

■ 23.2236, 17.8732,
-18.8127

■ 23.2236, 17.8732,
-18.8127

■ 21.0413, 21.7483,
-23.5577

■ 25.6332, 13.9027,
-14.2545

■ 19.1262, 25.3650,
-28.3695

■ 28.2330, 9.9332,
-9.9325

■ 17.5224, 28.4755,
-33.0194

■ 30.9942, 6.0117,
-5.8495

■ 16.2661, 30.7759,
-37.1757

■ 33.8932, 2.1575,
-1.9878

■ 15.2499, 32.6697,
-40.9501

■ 36.9111, -1.6257,
1.6788

■ 40.0330, -5.3420,
5.1780

■ 43.2467, -8.9990,
8.5356

■ 46.5425, -12.6053,
11.7748

■ 49.9123, -16.1693,
14.9152

Harmonies

Analogous

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



23.2241, 5.8281, -30.3739



23.2236, 17.8732, -18.8127



23.2241, 25.3411, -4.1058

Triad

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



23.2241, 17.8727, -18.8119



23.2241, 4.0607, 14.0160



23.2241, -19.2243, -6.0348

Complementary

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



23.2236, 17.8732, -18.8127



33.7175, -17.0143, 14.9710

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.



23.2241, -19.5092, 5.5958



23.2236, 17.8732, -18.8127



23.2241, -7.5532, 13.8934

Square

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



23.2241, 17.8727, -18.8119



23.2241, 16.3577, 12.1824



23.2241, -15.6597, 11.6956



23.2241, -14.7831, -20.8170

Rectangle

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



23.2236, 17.8732, -18.8127



23.2241, 25.9077, 3.7795



23.2241, -15.6597, 11.6956



23.2241, -19.7726, -1.5684

Sweetspot

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



23.2241, 17.8727, -18.8119



43.1586, 5.1242, -4.8814



24.3287, 1.2400, -16.9044



21.0243, 2.9216, -2.8026



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



23.2241, 17.8727, -18.8119



27.3968, 29.6813, -32.3237



24.7793, 21.2237, -10.3597



16.8738, 0.6713, -0.5955



16.8801, 36.2064, -45.6702



37.9168, 81.8804, -106.8670

Inverse Universe

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



23.9338, 17.3053, 1.5027



28.7224, 28.6152, 2.8703



33.0591, -19.3721, 12.4057



16.9103, 0.6206, 0.8018



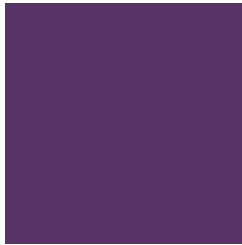
19.3914, 33.8909, 7.2394



44.1218, 76.7968, 18.9217

Previews

White Background



This preview shows how the HunterLab color 23.2236, 17.8732, -18.8127 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



This preview shows how the HunterLab color 23.2236, 17.8732, -18.8127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

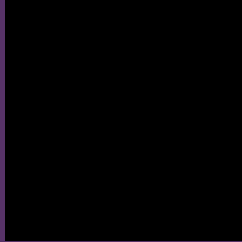
Any Text WCAG AA × Fail

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 23.2236, 17.8732, -18.8127 Background



This preview shows how black text looks on a background with the HunterLab color 23.2236, 17.8732, -18.8127.



This preview shows how white text looks on a background with the HunterLab color 23.2236, 17.8732, -18.8127.

-18.8127.

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

23.2236, 17.8732, -18.8127

Protanopia

23.2809, 4.8067, -27.6498

Deuteranopia

23.4286, 1.3900, -16.6965



Tritanopia

23.3848, 4.9995, 1.8174

Trichromacy



Original Color

23.2236, 17.8732, -18.8127

Protanomaly

22.7976, 8.9111, -25.6631

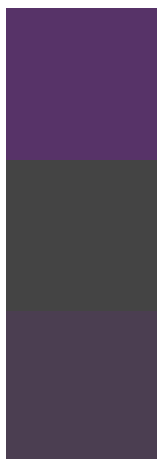
Deuteranomaly

23.1378, 6.6989, -17.8367

Tritanomaly

23.0863, 9.4052, -4.6069

Monochromacy



Original Color

23.2236, 17.8732, -18.8127

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

23.5270, 5.1806, -5.0299

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.2236, 17.8732, -18.8127 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(87, 51, 104)` looks like.

```
.text, #text, p{  
    color:rgb(87, 51, 104)  
}
```

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(87, 51, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 51, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 23.2236, 17.8732, -18.8127 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(87, 51, 104) }
```


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

```
.border{ border-color:rgb(87, 51, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 51, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 51, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 51, 104);  
box-shadow:4px 4px 4px 4px rgb(87, 51,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.2236, 17.8732, -18.8127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 51, 104) }
```

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

```
.background{ background-color: rgb(87, 51,  
104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor