

Converting Colors

HunterLab(23.2906, 12.1543,
-8.2262)

Have a look what the booklet for
HunterLab(23.2906, 12.1543,
-8.2262) contains.

HunterLab(23.2356, 12.5309, -8.4711)	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(23.2356, 12.5309,
-8.4711)**

Conversions

Conversions Part 1

Format	Color
Hex	563757
RGB	86, 55, 87
RGB Percent	34%, 22%, 34%
CMY	0.6627, 0.7843, 0.6588
CMYK	0.01, 0.37, 0.00, 0.66
HSL	298°, 23%, 28%
HSV	298°, 37%, 34%
XYZ	6.9242, 5.3989, 9.6940
YIQ	67.9170, 8.2040, 16.5240

Conversions

Conversions Part 2

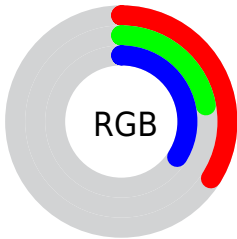
Format	Color
R_{YB}	86, 55, 87
Decimal	5650263
CIE _{Lab}	27.84, 19.85, -13.71
CIE _{LCh}	28, 24.125, 325.356
Yxy	5.3992, 0.3145, 0.2452
Android (android.graphics.Color)	4283840343 (0xFF563757)
YUV	67.9170, 9.4079, 15.8588
Hunter-Lab	23.2356, 12.5309, -8.4711

Details

The HunterLab color **23.2356, 12.5309, -8.4711** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **28.1658, -12.9836, 9.5193**, and the grayscale version is **23.9800, -1.2795, 1.3029**.

A 20% lighter version of the original color is **40.6732, 14.0494, -9.1910**, and **9.3874, 10.6581, -7.8639** is the 20% darker color. If you saturate the color by 10%, you get **21.5206, 16.4344, -11.2932**, and if you desaturate by 10%, it is **25.1253, 8.6021, -5.6452**.

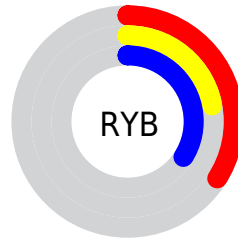
Distribution



Red (34%)

Green (22%)

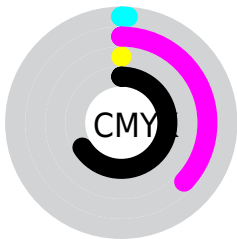
Blue (34%)



Red (34%)

Yellow (22%)

Blue (34%)

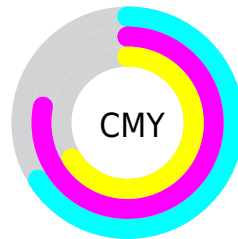


Cyan (1%)

Magenta (37%)

Yellow (0%)

Black (66%)



Cyan (66%)

Magenta (78%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.2356, 12.5309, -8.4711 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 23.2356, 12.5309, -8.4711 by changing the saturation by 10% instead.

■ 23.2356, 12.5309,
-8.4711

■ 23.2356, 12.5309,
-8.4711

■ 123.9386, 15.8378,
-8.3834

■ 15.7586, 11.6234,
-8.1334

■ 40.8303, 13.9150,
-8.9082

■ 9.3181, 10.5477,
-7.7469

■ 50.7899, 14.4333,
-9.0135

0.0000, INF, -NF

0.0000, NaN, NaN

■ 61.4488, 14.8553,
-9.0506

0.0000, NaN, NaN

■ 72.7639, 15.1921,
-9.0251

0.0000, NaN, NaN

■ 84.6991, 15.4523,
-8.9418

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.2238, 15.6429,

-8.8047

0.0000, NaN, NaN

110.3114, 15.7698,
-8.6175

■ 23.2356, 12.5309,
-8.4711

■ 23.2356, 12.5309,
-8.4711

■ 21.5206, 16.4344,
-11.2932

■ 25.1253, 8.6021,
-5.6452

■ 20.0045, 20.2140,
-14.0441

■ 27.1651, 4.7121,
-2.8587

■ 18.7137, 23.7227,
-16.6214

■ 29.3353, 0.8934,
-0.1323

■ 17.6715, 26.7766,
-18.8949

■ 31.6190, -2.8400,
2.5258

■ 16.8929, 29.1839,
-20.7269

■ 34.0021, -6.4854,
5.1154

■ 16.2815, 31.1487,
-22.2578

■ 36.4727, -10.0468,
7.6405

■ 16.0810, 31.8182,
-22.7790

■ 39.0211, -13.5314,
10.1071

■ 41.6391, -16.9475,
12.5220

■ 44.3201, -20.3039,
14.8919

Harmonies

Analogous

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



23.2361, 5.5844, -15.8166



23.2356, 12.5309, -8.4711



23.2361, 15.8032, 0.0718

Triad

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



23.2361, 12.5302, -8.4705



23.2361, -0.0061, 11.5090



23.2361, -13.3710, -5.7647

Complementary

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



23.2356, 12.5309, -8.4711



28.1658, -12.9836, 9.5193

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.



23.2361, -14.4558, 2.3978



23.2356, 12.5309, -8.4711



23.2361, -7.3596, 10.8601

Square

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



23.2361, 12.5302, -8.4705



23.2361, 7.9795, 10.2497



23.2361, -12.4032, 8.0376



23.2361, -9.2160, -13.9249

Rectangle

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



23.2356, 12.5309, -8.4711



23.2361, 15.1835, 4.7558



23.2361, -12.4032, 8.0376



23.2361, -14.0812, -2.8691

Sweetspot

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



23.2361, 12.5302, -8.4705



37.0054, 3.4360, -1.7914



20.8217, 3.9698, -12.7760



18.1772, 1.8752, -1.0119



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



23.2361, 12.5302, -8.4705



28.4043, 20.7797, -14.2532



22.8640, 10.4897, -1.6562



14.6535, 0.8360, -0.3401



19.9799, 39.5396, -28.3556



47.2756, 93.5993, -67.4225

Inverse Universe

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



22.4597, 8.4657, 4.1104



27.1455, 14.3852, 6.2620



28.4079, -11.4645, 5.2333



14.5626, 0.3261, 1.1110



17.7182, 30.3843, 11.1282



41.9645, 71.9038, 26.8197

Previews

White Background



This preview shows how the HunterLab color 23.2356, 12.5309, -8.4711 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 23.2356, 12.5309, -8.4711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

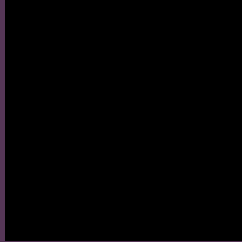
Any Text WCAG AA × Fail

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 23.2356, 12.5309, -8.4711 Background



This preview shows how black text looks on a background with the HunterLab color 23.2356, 12.5309, -8.4711.



This preview shows how white text looks on a background with the HunterLab color 23.2356, 12.5309, -8.4711.

-8.4711.

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

23.2356, 12.5309, -8.4711

Protanopia

23.4023, 2.0892, -12.9720

Deuteranopia

23.3679, 1.2456, -7.3848



Tritanopia

23.3257, 5.9257, 2.1478

Trichromacy



Original Color

23.2356, 12.5309, -8.4711

Protanomaly

23.1066, 5.7935, -11.6411

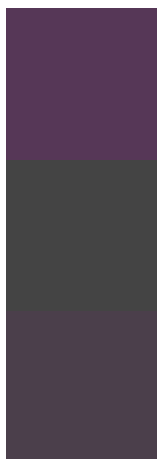
Deuteranomaly

23.1278, 5.4250, -8.2238

Tritanomaly

23.1923, 8.2012, -1.2388

Monochromacy



Original Color

23.2356, 12.5309, -8.4711

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

23.5773, 3.7800, -2.1451

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.2356, 12.5309, -8.4711 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(86, 55, 87)` looks like.

```
.text, #text, p{  
    color:rgb(86, 55, 87)  
}
```

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(86, 55, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 55, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 23.2356, 12.5309, -8.4711 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(86, 55, 87) }
```


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

```
.border{ border-color:rgb(86, 55, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 55, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 55, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 55, 87);  
box-shadow:4px 4px 4px 4px rgb(86, 55, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.2356, 12.5309, -8.4711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 55, 87) }
```

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

```
.background{ background-color: rgb(86, 55,  
87) }
```

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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