

Converting Colors

HunterLab(23.8127, 29.8778,
-5.4336)

Have a look what the booklet for
HunterLab(23.8127, 29.8778,
-5.4336) contains.

HunterLab(23.8406, 29.9108, -5.6450)	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(23.8406, 29.9108,
-5.6450)**

Conversions

Conversions Part 1

Format	Color
Hex	752454
RGB	117, 36, 84
RGB Percent	46%, 14%, 33%
CMY	0.5412, 0.8588, 0.6706
CMYK	0.00, 0.69, 0.28, 0.54
HSL	324°, 53%, 30%
HSV	324°, 69%, 46%
XYZ	9.5672, 5.6837, 8.9803
YIQ	65.6910, 32.8680, 32.1000

Conversions

Conversions Part 2

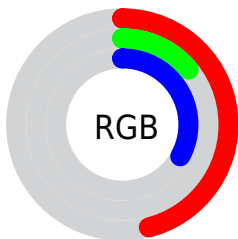
Format	Color
RYB	117, 36, 84
Decimal	7677012
CIELab	28.60, 40.34, -10.16
CIELCh	29, 41.603, 345.865
Yxy	5.6840, 0.3948, 0.2346
Android (android.graphics.Color)	4285867092 (0xFF752454)
YUV	65.6910, 9.0263, 44.9980
Hunter-Lab	23.8406, 29.9108, -5.6450

Details

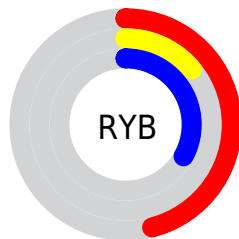
The HunterLab color **23.8406, 29.9108, -5.6450** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **36.7797, -24.7461, 13.1530**, and the grayscale version is **23.1950, -1.2376, 1.2602**.

A 20% lighter version of the original color is **41.6032, 33.2758, -5.9245**, and **11.2708, 20.6012, -2.7917** is the 20% darker color. If you saturate the color by 10%, you get **22.3958, 33.2478, -5.3187**, and if you desaturate by 10%, it is **25.6692, 25.8304, -5.4423**.

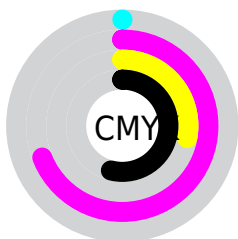
Distribution



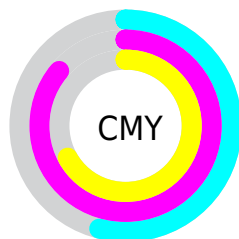
- Red (46%)
- Green (14%)
- Blue (33%)



- Red (46%)
- Yellow (14%)
- Blue (33%)



- Cyan (0%)
- Magenta (69%)
- Yellow (28%)
- Black (54%)



- Cyan (54%)
- Magenta (86%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.8406, 29.9108, -5.6450 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 23.8406, 29.9108, -5.6450 by changing the saturation by 10% instead.

■ 23.8406, 29.9108,
-5.6450

■ 23.8406, 29.9108,
-5.6450

■ 124.9928, 40.7092,
-4.2649

■ 16.2909, 28.1733,
-5.4535

■ 41.5595, 33.0820,
-5.7698

■ 9.7665, 26.4986,
-5.1710

■ 51.5738, 34.4839,
-5.7221

0.0000, INF, -NF

■ 62.2838, 35.7683,
-5.6105

0.0000, NaN, NaN

■ 73.6471, 36.9433,
-5.4408

0.0000, NaN, NaN

■ 85.6281, 38.0176,
-5.2177

0.0000, NaN, NaN

■ 98.1963, 38.9989,

0.0000, NaN, NaN

-4.9452

0.0000, NaN, NaN

111.3255, 39.8940,
-4.6266

23.8406, 29.9108,
-5.6450

23.8406, 29.9108,
-5.6450

22.3958, 33.2478,
-5.3187

25.6692, 25.8304,
-5.4423

21.3553, 35.5725,
-4.4346

27.8413, 21.2925,
-4.7902

20.5912, 37.1470,
-3.2028

30.3138, 16.5218,
-3.7782

20.5322, 37.2747,
-3.1097

33.0442, 11.6731,
-2.4899

35.9952, 6.8401,
-0.9932

■ 39.1350, 2.0722,
0.6601

■ 42.4374, -2.6091,
2.4321

■ 45.8810, -7.1990,
4.2953

■ 49.4483, -11.7015,
6.2300

Harmonies

Analogous

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



23.8412, 20.6520, -23.4738



23.8406, 29.9108, -5.6450



23.8412, 29.6093, 7.1664

Triad

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



23.8412, 29.9092, -5.6443



23.8412, -8.0357, 15.0730



23.8412, -16.9424, -24.4929

Complementary

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



23.8406, 29.9108, -5.6450



36.7797, -24.7461, 13.1530

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.



23.8412, -21.6398, -6.5908



23.8406, 29.9108, -5.6450



23.8412, -17.3445, 12.9625

Square

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



23.8412, 29.9092, -5.6443



23.8412, 5.4845, 15.1295



23.8412, -21.7682, 6.6277



23.8412, -7.3534, -37.8575

Rectangle

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



23.8406, 29.9108, -5.6450



23.8412, 23.9581, 11.7843



23.8412, -21.7682, 6.6277



23.8412, -19.0405, -18.4667

Sweetspot

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



23.8412, 29.9092, -5.6443



47.2295, 10.6448, -1.8137



19.4676, 23.2752, -38.8527



22.2409, 5.7597, -1.0771



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



23.8412, 29.9092, -5.6443



29.0796, 46.5150, -6.5063



22.8617, 25.7629, 8.3319



19.3232, 0.9775, 0.3415



21.5445, 39.0996, -3.1628



47.3775, 85.6538, -4.4116

Inverse Universe

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



23.8412, 29.9092, -5.6443



29.0796, 46.5150, -6.5063



37.6825, -19.3141, 0.1618



19.3232, 0.9775, 0.3415



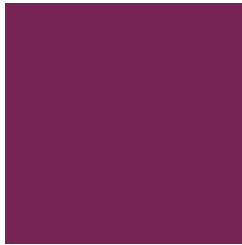
21.5445, 39.0996, -3.1628



47.3775, 85.6538, -4.4116

Previews

White Background



This preview shows how the HunterLab color 23.8406, 29.9108, -5.6450 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 23.8406, 29.9108, -5.6450 Background



This preview shows how black text looks on a background with the HunterLab color 23.8406, 29.9108, -5.6450.



This preview shows how white text looks on a background with the HunterLab color 23.8406, 29.9108, -5.6450.

-5.6450.

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

23.8406, 29.9108, -5.6450

Protanopia

24.2077, 3.2231, -19.0954

Deuteranopia

24.2808, 1.4771, -3.5446



Tritanopia

23.9683, 20.9849, 8.2194

Trichromacy



Original Color

23.8406, 29.9108, -5.6450

Protanomaly

23.0369, 11.8082, -15.9790

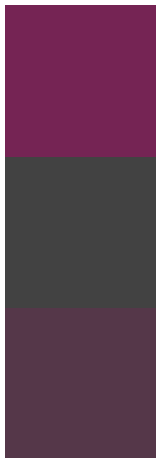
Deuteranomaly

23.3424, 11.3790, -5.1903

Tritanomaly

23.7438, 24.1572, 4.0295

Monochromacy



Original Color

23.8406, 29.9108, -5.6450

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

22.6820, 10.0045, -2.3251

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.8406, 29.9108, -5.6450 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(117, 36, 84)` looks like.

```
.text, #text, p{  
    color:rgb(117, 36, 84)  
}
```

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(117, 36, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 36, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 23.8406, 29.9108, -5.6450 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(117, 36, 84) }
```


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

```
.border{ border-color:rgb(117, 36, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 36, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 36, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 36, 84);  
box-shadow:4px 4px 4px 4px rgb(117, 36,  
84) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.8406, 29.9108, -5.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 36, 84) }
```

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

```
.background{ background-color: rgb(117, 36,  
84) }
```

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