

Converting Colors

HunterLab(12.3055, 24.3289,
-25.3782)

Have a look what the booklet for
HunterLab(12.3055, 24.3289,
-25.3782) contains.

HunterLab(12.2843, 24.4907, -25.8893)	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(12.2843, 24.4907,
-25.8893)**

Conversions

Conversions Part 1

Format	Color
Hex	3B024D
RGB	59, 2, 77
RGB Percent	23%, 1%, 30%
CMY	0.7686, 0.9922, 0.6980
CMYK	0.23, 0.97, 0.00, 0.70
HSL	286°, 95%, 15%
HSV	286°, 97%, 30%
XYZ	3.1649, 1.5090, 7.1456
YIQ	27.5930, 9.8970, 35.4090

Conversions

Conversions Part 2

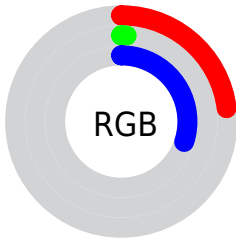
Format	Color
R _Y B	59, 2, 77
Decimal	3867213
CIE Lab	12.67, 37.30, -31.25
CIE LCh	13, 48.660, 320.045
Yxy	1.5091, 0.2678, 0.1277
Android (android.graphics.Color)	4282057293 (0xFF3B024D)
YUV	27.5930, 24.3577, 27.5439
Hunter-Lab	12.2843, 24.4907, -25.8893

Details

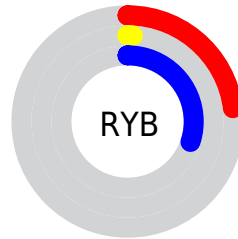
The HunterLab color **12.2843, 24.4907, -25.8893** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **23.3685, -18.3359, 13.9328**, and the grayscale version is **10.5766, -0.5643, 0.5746**.

A 20% lighter version of the original color is **27.1910, 28.1345, -26.5340**, and **3.2293, 8.7595, -22.9456** is the 20% darker color. If you saturate the color by 10%, you get **12.0460, 25.0771, -26.6965**, and if you desaturate by 10%, it is **13.1671, 22.5079, -23.1081**.

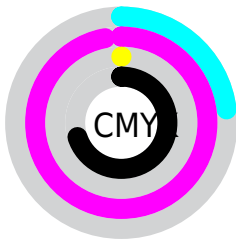
Distribution



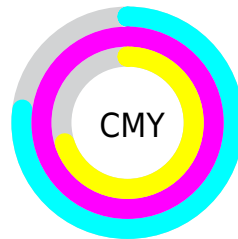
- Red (23%)
- Green (1%)
- Blue (30%)



- Red (23%)
- Yellow (1%)
- Blue (30%)



- Cyan (23%)
- Magenta (97%)
- Yellow (0%)
- Black (70%)



- Cyan (77%)
- Magenta (99%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.2843, 24.4907, -25.8893 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 12.2843, 24.4907, -25.8893 by changing the saturation by 10% instead.

12.2843, 24.4907,
-25.8893

12.2843, 24.4907,
-25.8893

103.4669, 35.7460,
-29.8857

5.4325, 31.2892,
-34.1074

27.1737, 27.7746,
-26.3257

0.0000, INF, -NF

0.0000, NaN, -NF

35.9659, 29.2603,
-26.8942

0.0000, NaN, NaN

45.5432, 30.6170,
-27.4877

0.0000, NaN, NaN

55.8460, 31.8512,
-28.0609

0.0000, NaN, NaN

0.0000, NaN, NaN

66.8263, 32.9722,
-28.5938

0.0000, NaN, NaN

78.4446, 33.9894,

0.0000, NaN, NaN

-29.0775

90.6676, 34.9115,
-29.5084

12.2843, 24.4907,
-25.8893

12.2843, 24.4907,
-25.8893

12.0460, 25.0771,
-26.6965

13.1671, 22.5079,
-23.1081

14.1283, 20.4666,
-20.4007

15.3093, 17.9733,
-17.4435

16.6867, 15.2045,
-14.3987

18.2347, 12.2974,
-11.3780

■ 19.9289, 9.3438,
-8.4449

■ 21.7483, 6.3983,
-5.6279

■ 23.6751, 3.4895,
-2.9338

■ 25.6947, 0.6296,
-0.3573

Harmonies

Analogous

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



12.2845, 8.9744, -47.9629



12.2843, 24.4907, -25.8893



12.2845, 34.2204, -4.1089

Triad

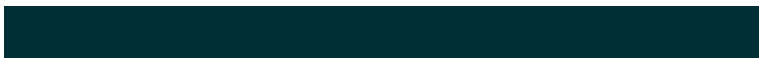
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.2845, 24.4905, -25.8886



12.2845, 3.8970, 8.5992



12.2845, -18.3474, -10.3742

Complementary

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



12.2843, 24.4907, -25.8893



23.3685, -18.3359, 13.9328

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.



12.2845, -19.1331, 4.0690



12.2843, 24.4907, -25.8893



12.2845, -8.0081, 8.5992

Square

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



12.2845, 24.4905, -25.8886



12.2845, 19.4930, 8.5992



12.2845, -15.3636, 8.5992



12.2845, -13.2170, -34.2467

Rectangle

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



12.2843, 24.4907, -25.8893



12.2845, 34.2074, 4.0944



12.2845, -15.3636, 8.5992



12.2845, -19.1284, -4.1588

Sweetspot

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



12.2845, 24.4905, -25.8886



27.6931, 9.3469, -8.2870



10.3728, 9.8666, -33.5680



13.9021, 5.2646, -4.6987



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



12.2845, 24.4905, -25.8886



15.5851, 32.5254, -35.1646



13.8898, 25.2006, -8.2300



13.0750, 0.5057, -0.3459



15.9964, 33.3911, -36.1502



38.3827, 80.5428, -90.0121

Inverse Universe

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



12.9295, 21.6694, 5.3116



16.5634, 28.7601, 7.6423



23.1817, -18.9155, 12.1696



13.0719, 0.3562, 0.7271



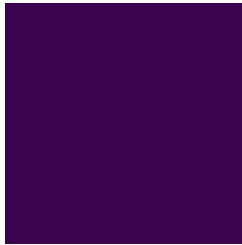
17.0081, 29.5264, 7.8928



41.2516, 71.3151, 21.4585

Previews

White Background



This preview shows how the HunterLab color 12.2843, 24.4907, -25.8893 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 12.2843, 24.4907, -25.8893 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 12.2843, 24.4907, -25.8893 Background



This preview shows how black text looks on a background with the HunterLab color 12.2843, 24.4907, -25.8893.



This preview shows how white text looks on a background with the HunterLab color 12.2843, 24.4907, -25.8893.

-25.8893.

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

12.2843, 24.4907, -25.8893

Protanopia

13.0769, 2.6549, -22.0762

Deuteranopia

13.2962, -1.1541, -14.1276



Tritanopia

13.2774, 5.5500, 2.1766

Trichromacy



Original Color

12.2843, 24.4907, -25.8893

Protanomaly

11.3755, 10.2233, -28.4489

Deuteranomaly

11.3330, 7.4325, -22.3419

Tritanomaly

12.3529, 12.4731, -5.5912

Monochromacy



Original Color

12.2843, 24.4907, -25.8893

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

10.4611, 8.3582, -8.0573

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.2843, 24.4907, -25.8893 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, 2, 77)` looks like.

```
.text, #text, p{  
    color:rgb(59, 2, 77)  
}
```

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, 2, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 2, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 12.2843, 24.4907, -25.8893 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, 2, 77) }
```


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

```
.border{ border-color:rgb(59, 2, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 2, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 2, 77); -webkit-box-shadow:4px  
4px 4px 4px rgb(59, 2, 77); box-shadow:4px  
4px 4px 4px rgb(59, 2, 77) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.2843, 24.4907, -25.8893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 2, 77) }
```

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

```
.background{ background-color: rgb(59, 2,  
77) }
```

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