

Converting Colors

HunterLab(24.0970, 45.7461,
-44.6675)

Have a look what the booklet for
HunterLab(24.0970, 45.7461,
-44.6675) contains.

HunterLab(24.1309, 45.7045, -44.3459)	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(24.1309, 45.7045,
-44.3459)**

Conversions

Conversions Part 1

Format	Color
Hex	730E8B
RGB	115, 14, 139
RGB Percent	45%, 5%, 55%
CMY	0.5490, 0.9451, 0.4549
CMYK	0.17, 0.90, 0.00, 0.45
HSL	288°, 82%, 30%
HSV	288°, 90%, 55%
XYZ	11.8875, 5.8230, 24.9235
YIQ	58.4490, 20.0710, 60.2870

Conversions

Conversions Part 2

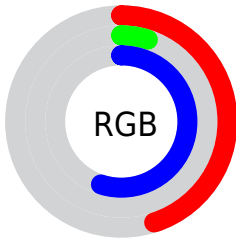
Format	Color
R _Y B	115, 14, 139
Decimal	7540363
CIE Lab	28.96, 56.25, -44.82
CIE LCh	29, 71.922, 321.449
Yxy	5.8232, 0.2788, 0.1366
Android (android.graphics.Color)	4285730443 (0xFF730E8B)
YUV	58.4490, 39.7116, 49.5952
Hunter-Lab	24.1309, 45.7045, -44.3459

Details

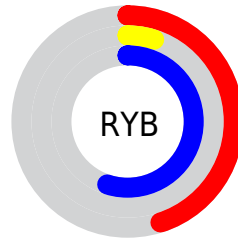
The HunterLab color $[24.1309, 45.7045, -44.3459]$ is a dark color, and the websafe version is hex 660099 . A complement of this color would be $[43.4847, -34.5919, 25.6228]$, and the grayscale version is $[20.5880, -1.0985, 1.1186]$.

A 20% lighter version of the original color is $[41.8812, 50.0361, -44.7406]$, and $[13.0257, 27.7159, -33.5128]$ is the 20% darker color. If you saturate the color by 10%, you get $[23.0932, 47.5943, -47.6491]$, and if you desaturate by 10%, it is $[25.5316, 42.7098, -40.2430]$.

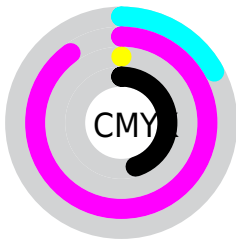
Distribution



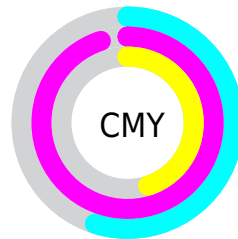
- Red (45%)
- Green (5%)
- Blue (55%)



- Red (45%)
- Yellow (5%)
- Blue (55%)



- Cyan (17%)
- Magenta (90%)
- Yellow (0%)
- Black (45%)



- Cyan (55%)
- Magenta (95%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.1309, 45.7045, -44.3459 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 24.1309, 45.7045, -44.3459 by changing the saturation by 10% instead.

■ 24.1309, 45.7045,
-44.3459

■ 24.1309, 45.7045,
-44.3459

■ 125.4962, 61.2196,
-49.5835

■ 16.5466, 43.7414,
-45.0382

■ 41.9086, 49.7920,
-44.9325

■ 9.9824, 42.3312,
-47.8402

■ 51.9488, 51.7296,
-45.5634

0.0000, INF, -NF

0.0000, NaN, -NF

■ 62.6831, 53.5643,
-46.2596

0.0000, NaN, NaN

■ 74.0693, 55.2932,
-46.9717

0.0000, NaN, NaN

■ 86.0719, 56.9184,
-47.6726

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.6608, 58.4445,

-48.3468

111.8099, 59.8765,
-48.9854

24.1309, 45.7045,
-44.3459

24.1309, 45.7045,
-44.3459

23.0932, 47.5943,
-47.6491

25.5316, 42.7098,
-40.2430

23.0854, 47.6090,
-47.6749

27.4291, 38.3828,
-35.2253

29.7917, 33.1228,
-29.6745

32.5672, 27.3175,
-23.9230

35.6990, 21.2610,
-18.1980

■ 39.1344, 15.1434,
-12.6271

■ 42.8276, 9.0723,
-7.2664

■ 46.7409, 3.0999,
-2.1285

■ 50.8434, -2.7549,
2.7971

Harmonies

Analogous

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



24.1314, 17.7426, -83.9231



24.1309, 45.7045, -44.3459



24.1314, 62.3500, -6.0642

Triad

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



24.1314, 45.7039, -44.3446



24.1314, 5.8696, 16.8920



24.1314, -30.7465, -20.5290

Complementary

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



24.1309, 45.7045, -44.3459



43.4847, -34.5919, 25.6228

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.



24.1314, -31.8450, 6.9124



24.1309, 45.7045, -44.3459



24.1314, -15.7968, 16.8920

Square

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



24.1314, 45.7039, -44.3446



24.1314, 34.1941, 16.8920



24.1314, -27.5906, 16.0139



24.1314, -23.6321, -63.1499

Rectangle

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



24.1309, 45.7045, -44.3459



24.1314, 61.6039, 8.4324



24.1314, -27.5906, 16.0139



24.1314, -31.6838, -8.9751

Sweetspot

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



24.1314, 45.7039, -44.3446



53.4965, 18.3571, -15.1946



18.4629, 21.5123, -66.6866



24.9936, 9.9771, -8.3349



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



24.1314, 45.7039, -44.3446



30.7827, 63.5605, -64.1717



25.9859, 45.0477, -11.5851



22.5417, 1.2646, -0.8324



21.9476, 45.2513, -45.2388



1.9434, 3.9032, -3.2022

Inverse Universe

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



24.3786, 39.0108, 11.2445



31.5432, 54.3989, 17.4351



43.3615, -34.6243, 21.7505



22.5017, 0.8376, 1.3781



22.4193, 38.7156, 11.9910



1.8723, 3.3210, 0.3214

Previews

White Background



This preview shows how the HunterLab color 24.1309, 45.7045, -44.3459 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 24.1309, 45.7045, -44.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

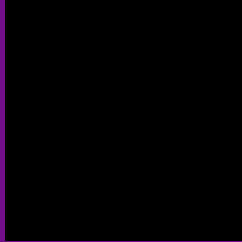
Any Text WCAG AA × Fail

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 24.1309, 45.7045, -44.3459 Background



This preview shows how black text looks on a background with the HunterLab color 24.1309, 45.7045, -44.3459.



This preview shows how white text looks on a background with the HunterLab color 24.1309, 45.7045, -44.3459.

-44.3459.

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

24.1309, 45.7045, -44.3459

Protanopia

24.7334, 7.4160, -46.9237

Deuteranopia

24.7812, 0.4508, -31.9475



Tritanopia

24.4769, 14.5181, 5.3141

Trichromacy



Original Color

24.1309, 45.7045, -44.3459

Protanomaly

21.3521, 20.2687, -57.5489

Deuteranomaly

21.2099, 15.3592, -46.6865

Tritanomaly

23.2601, 26.0947, -8.7441

Monochromacy



Original Color

24.1309, 45.7045, -44.3459

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.0158, 16.4532, -14.0876

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.1309, 45.7045, -44.3459 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(115, 14, 139)` looks like.

```
.text, #text, p{  
    color:rgb(115, 14, 139)  
}
```

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(115, 14, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 14, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 24.1309, 45.7045, -44.3459 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(115, 14, 139) }
```


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

```
.border{ border-color:rgb(115, 14, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 14, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 14, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 14, 139);  
box-shadow:4px 4px 4px 4px rgb(115, 14,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.1309, 45.7045, -44.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 14, 139) }
```

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

```
.background{ background-color: rgb(115, 14,  
139) }
```

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