

Converting Colors

HunterLab(23.0970, 45.4094,
-30.4623)

Have a look what the booklet for
HunterLab(23.0970, 45.4094,
-30.4623) contains.

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Color

**HunterLab(23.1282, 45.4708,
-30.5047)**

Conversions

Conversions Part 1

Format	Color
Hex	780078
RGB	120, 0, 120
RGB Percent	47%, 0%, 47%
CMY	0.5294, 1.0000, 0.5294
CMYK	0.00, 1.00, 0.00, 0.53
HSL	300°, 100%, 24%
HSV	300°, 100%, 47%
XYZ	11.1359, 5.3491, 18.2148
YIQ	49.5600, 33.0000, 62.7600

Conversions

Conversions Part 2

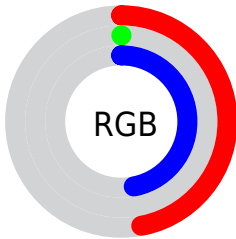
Format	Color
RYB	120, 0, 120
Decimal	7864440
CIELab	27.71, 56.27, -34.84
CIElCh	28, 66.182, 328.233
Yxy	5.3494, 0.3209, 0.1542
Android (android.graphics.Color)	4286054520 (0xFF780078)
YUV	49.5600, 34.7269, 61.7759
Hunter-Lab	23.1282, 45.4708, -30.5047

Details

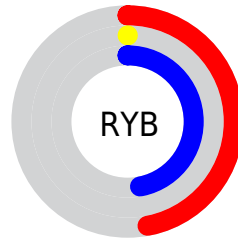
The HunterLab color **23.1282, 45.4708, -30.5047** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **36.6514, -31.4279, 22.0338**, and the grayscale version is **17.5938, -0.9388, 0.9559**.

A 20% lighter version of the original color is **40.7769, 49.6229, -31.4892**, and **12.8383, 25.5295, -19.1724** is the 20% darker color. If you saturate the color by 10%, you get **23.1283, 45.4710, -30.5045**, and if you desaturate by 10%, it is **23.6904, 43.4397, -29.1130**.

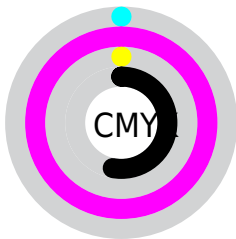
Distribution



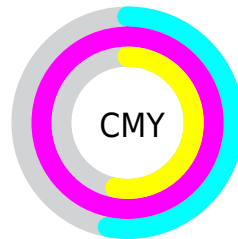
- Red (47%)
- Green (0%)
- Blue (47%)



- Red (47%)
- Yellow (0%)
- Blue (47%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (53%)



- Cyan (53%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.1282, 45.4708, -30.5047 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 23.1282, 45.4708, -30.5047 by changing the saturation by 10% instead.

■ 23.1282, 45.4708, -30.5047	■ 23.1282, 45.4708, -30.5047
123.7509, 61.0834, -35.2386	■ 15.6642, 43.5401, -30.4185
■ 40.7007, 49.5652, -31.5590	■ 9.2375, 42.2922, -31.4568
■ 50.6505, 51.5156, -32.1860	0.0000, INF, -NF
■ 61.3002, 53.3642, -32.8011	0.0000, NaN, NaN
■ 72.6067, 55.1070, -33.3831	0.0000, NaN, NaN
■ 84.5338, 56.7457, -33.9213	0.0000, NaN, NaN
■ 97.0507, 58.2846,	0.0000, NaN, NaN

-34.4109

110.1308, 59.7287,
-34.8501

23.1282, 45.4708,
-30.5047

23.1282, 45.4708,
-30.5047

23.1283, 45.4710,
-30.5045

23.6904, 43.4397,
-29.1130

24.5007, 40.6365,
-27.1921

25.7128, 36.6910,
-24.4872

27.3200, 31.8573,
-21.1711

29.2948, 26.4371,
-17.4496

■ 31.5992, 20.7012,
-13.5074

■ 34.1925, 14.8524,
-9.4831

■ 37.0360, 9.0227,
-5.4674

■ 40.0953, 3.2878,
-1.5122

Harmonies

Analogous

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



23.1287, 21.7582, -67.1337



23.1282, 45.4708, -30.5047



23.1287, 56.3110, 0.0125

Triad

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



23.1287, 45.4696, -30.5035



23.1287, 0.0539, 16.1901



23.1287, -27.5565, -26.1522

Complementary

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



23.1282, 45.4708, -30.5047



36.6514, -31.4279, 22.0338

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.



23.1287, -29.7548, 2.4397



23.1282, 45.4708, -30.5047



23.1287, -17.7271, 16.1901

Square

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



23.1287, 45.4696, -30.5035



23.1287, 24.8111, 16.1901



23.1287, -26.9388, 13.8729



23.1287, -19.2287, -63.3745

Rectangle

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



23.1282, 45.4708, -30.5047



23.1287, 52.6050, 10.4949



23.1287, -26.9388, 13.8729



23.1287, -28.8654, -14.7410

Sweetspot

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



23.1287, 45.4696, -30.5035



45.0788, 20.2736, -12.9733



11.6461, 31.5840, -82.7348



21.3584, 11.1607, -7.2042



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



23.1287, 45.4696, -30.5035



30.6727, 60.3036, -40.4550



20.7837, 37.1603, 1.2602



20.1929, 1.3872, -0.5789



24.1570, 47.4933, -31.8612



52.7601, 103.7281, -69.5866

Inverse Universe

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



23.1287, 45.4696, -30.5035



30.6727, 60.3036, -40.4550



37.0938, -28.6672, 15.5211



20.1929, 1.3872, -0.5789



24.1570, 47.4933, -31.8612



52.7601, 103.7281, -69.5866

Previews

White Background



This preview shows how the HunterLab color 23.1282, 45.4708, -30.5047 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 23.1282, 45.4708, -30.5047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

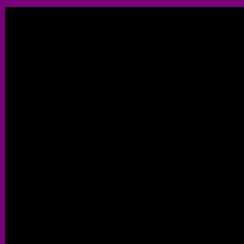
Any Text WCAG AA × Fail

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 23.1282, 45.4708, -30.5047 Background



This preview shows how black text looks on a background with the HunterLab color 23.1282, 45.4708, -30.5047.



This preview shows how white text looks on a background with the HunterLab color 23.1282, 45.4708, -30.5047.

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

23.1282, 45.4708, -30.5047

Protanopia

24.1237, 7.7732, -46.9326

Deuteranopia

24.3309, 1.6094, -23.0492



Tritanopia

23.8916, 20.0094, 7.5836

Trichromacy



Original Color

23.1282, 45.4708, -30.5047

Protanomaly

19.7100, 20.7536, -54.2423

Deuteranomaly

20.8912, 19.6520, -33.6759

Tritanomaly

22.5419, 30.2708, -3.0881

Monochromacy



Original Color

23.1282, 45.4708, -30.5047

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.4266, 17.5239, -11.6025

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.1282, 45.4708, -30.5047 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(120, 0, 120)` looks like.

```
.text, #text, p{  
    color:rgb(120, 0, 120)  
}
```

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(120, 0, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 0, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 23.1282, 45.4708, -30.5047 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(120, 0, 120) }
```


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

```
.border{ border-color:rgb(120, 0, 120) }
```

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

Here you see how a box with a 4 pixel rgb(120, 0, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 0, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 0, 120);  
box-shadow:4px 4px 4px 4px rgb(120, 0,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.1282, 45.4708, -30.5047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 0, 120) }
```

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

```
.background{ background-color: rgb(120, 0,  
120) }
```

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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