

Converting Colors

HunterLab(23.2456, 45.8961,
-32.1671)

Have a look what the booklet for
HunterLab(23.2456, 45.8961,
-32.1671) contains.

HunterLab(23.2340, 45.8366, -31.8666)	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(23.2340, 45.8366,
-31.8666)**

Conversions

Conversions Part 1

Format	Color
Hex	78007A
RGB	120, 0, 122
RGB Percent	47%, 0%, 48%
CMY	0.5294, 1.0000, 0.5216
CMYK	0.02, 1.00, 0.00, 0.52
HSL	299°, 100%, 24%
HSV	299°, 100%, 48%
XYZ	11.2585, 5.3982, 18.8609
YIQ	49.7880, 32.3580, 63.3820

Conversions

Conversions Part 2

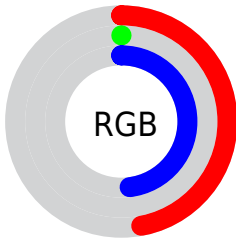
Format	Color
R_{YB}	120, 0, 122
Decimal	7864442
CIE _{Lab}	27.84, 56.59, -35.90
CIE _{LCh}	28, 67.016, 327.608
Yxy	5.3984, 0.3170, 0.1520
Android (android.graphics.Color)	4286054522 (0xFF78007A)
YUV	49.7880, 35.6005, 61.5759
Hunter-Lab	23.2340, 45.8366, -31.8666

Details

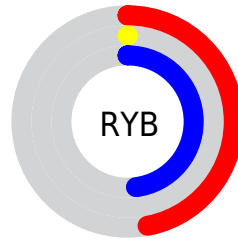
The HunterLab color **23.2340, 45.8366, -31.8666** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **37.3257, -31.9174, 22.4408**, and the grayscale version is **17.6671, -0.9427, 0.9599**.

A 20% lighter version of the original color is **40.8724, 50.0246, -32.7719**, and **12.8886, 25.7023, -19.8113** is the 20% darker color. If you saturate the color by 10%, you get **23.2341, 45.8367, -31.8664**, and if you desaturate by 10%, it is **23.8340, 43.8218, -30.3495**.

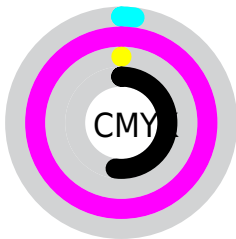
Distribution



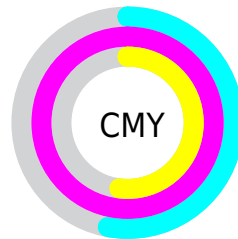
- Red (47%)
- Green (0%)
- Blue (48%)



- Red (47%)
- Yellow (0%)
- Blue (48%)



- Cyan (2%)
- Magenta (100%)
- Yellow (0%)
- Black (52%)



- Cyan (53%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.2340, 45.8366, -31.8666 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 23.2340, 45.8366, -31.8666 by changing the saturation by 10% instead.

■ 23.2340, 45.8366,
-31.8666

■ 23.2340, 45.8366,
-31.8666

■ 123.9358, 61.5238,
-36.7073

■ 15.7572, 43.9028,
-31.8429

■ 40.8284, 49.9437,
-32.8945

■ 9.3169, 42.6422,
-33.0289

■ 50.7878, 51.9022,
-33.5291

0.0000, INF, -NF

■ 61.4466, 53.7594,
-34.1587

0.0000, NaN, NaN

■ 72.7616, 55.5110,
-34.7591

0.0000, NaN, NaN

■ 84.6967, 57.1587,
-35.3185

0.0000, NaN, NaN

■ 97.2212, 58.7068,

0.0000, NaN, NaN

-35.8310

110.3087, 60.1601,
-36.2941

23.2340, 45.8366,
-31.8666

23.2340, 45.8366,
-31.8666

23.2341, 45.8367,
-31.8664

23.8340, 43.8218,
-30.3495

24.6924, 41.0011,
-28.2777

25.9618, 37.0147,
-25.4035

27.6338, 32.1283,
-21.9145

29.6791, 26.6525,
-18.0278

■ 32.0579, 20.8625,
-13.9340

■ 34.7283, 14.9619,
-9.7733

■ 37.6508, 9.0821,
-5.6354

■ 40.7905, 3.2973,
-1.5702

Harmonies

Analogous

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



23.2345, 21.5633, -69.1361



23.2340, 45.8366, -31.8666



23.2345, 57.2619, -0.4627

Triad

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



23.2345, 45.8354, -31.8654



23.2345, 0.5354, 16.2642



23.2345, -27.9490, -25.8599

Complementary

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



23.2340, 45.8366, -31.8666



37.3257, -31.9174, 22.4408

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.



23.2345, -30.0496, 2.8690



23.2340, 45.8366, -31.8666



23.2345, -17.6571, 16.2642

Square

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



23.2345, 45.8354, -31.8654



23.2345, 25.7646, 16.2642



23.2345, -27.1080, 14.1053



23.2345, -19.7099, -63.9362

Rectangle

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



23.2340, 45.8366, -31.8666



23.2345, 53.7673, 10.3858



23.2345, -27.1080, 14.1053



23.2345, -29.2253, -14.3297

Sweetspot

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



23.2345, 45.8354, -31.8654



45.7926, 20.4172, -13.3661



12.0395, 31.3429, -82.7064



21.3116, 11.0249, -7.2806



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.



23.2345, 45.8354, -31.8654



30.8076, 60.7829, -42.2934



21.2063, 38.0085, 0.5694



20.1850, 1.3607, -0.5894



23.8393, 47.0310, -32.6995



52.0293, 102.6645, -71.5165

Inverse Universe

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



20.3523, 34.8733, 12.9836



26.9906, 46.2433, 17.2776



37.7288, -29.3671, 16.2381



20.0400, 0.5652, 1.5977



20.8823, 35.7830, 13.3270



45.5946, 78.1020, 29.3080

Previews

White Background



This preview shows how the HunterLab color 23.2340, 45.8366, -31.8666 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 23.2340, 45.8366, -31.8666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

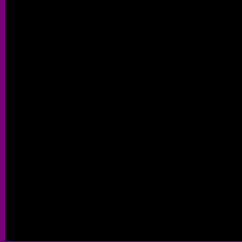
Any Text WCAG AA × Fail

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 23.2340, 45.8366, -31.8666 Background



This preview shows how black text looks on a background with the HunterLab color 23.2340, 45.8366, -31.8666.



This preview shows how white text looks on a background with the HunterLab color 23.2340, 45.8366, -31.8666.

-31.8666.

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

23.2340, 45.8366, -31.8666

Protanopia

24.3668, 7.2808, -46.1736

Deuteranopia

24.5956, 1.3828, -23.9190



Tritanopia

24.0783, 19.6645, 7.4691

Trichromacy



Original Color

23.2340, 45.8366, -31.8666

Protanomaly

19.9611, 20.5615, -54.3325

Deuteranomaly

21.0089, 19.2454, -35.0877

Tritanomaly

22.7170, 30.1755, -3.7984

Monochromacy



Original Color

23.2340, 45.8366, -31.8666

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.4662, 17.6986, -12.1378

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.2340, 45.8366, -31.8666 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(120, 0, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 0, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 23.2340, 45.8366, -31.8666 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, 122) }
```


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

```
.border{ border-color:rgb(120, 0, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 0, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 0, 122);  
box-shadow:4px 4px 4px 4px rgb(120, 0,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.2340, 45.8366, -31.8666 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, 122) }
```

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

```
.background{ background-color: rgb(120, 0,  
122) }
```

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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