

Converting Colors

HunterLab(38.2782, 71.6774,
-45.0580)

Have a look what the booklet for
HunterLab(38.2782, 71.6774,
-45.0580) contains.

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Color

**HunterLab(38.3564, 71.8100,
-45.2043)**

Conversions

Conversions Part 1

Format	Color
Hex	BD12B8
RGB	189, 18, 184
RGB Percent	74%, 7%, 72%
CMY	0.2588, 0.9293, 0.2784
CMYK	0.00, 0.90, 0.03, 0.26
HSL	302°, 83%, 41%
HSV	302°, 90%, 74%
XYZ	29.8543, 14.7121, 46.6137
YIQ	88.0530, 48.6300, 87.8780

Conversions

Conversions Part 2

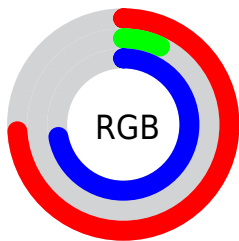
Format	Color
R _Y B	189, 18, 184
Decimal	12391096
CIE Lab	45.24, 75.92, -45.15
CIE LCh	45, 88.336, 329.260
Yxy	14.7128, 0.3274, 0.1614
Android (android.graphics.Color)	4290581176 (0xFFBD12B8)
YUV	88.0530, 47.3019, 88.5305
Hunter-Lab	38.3564, 71.8100, -45.2043

Details

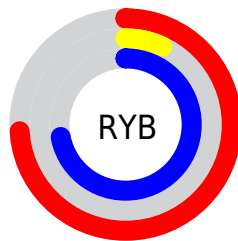
The HunterLab color **38.3564, 71.8100, -45.2043** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **60.4867, -50.9547, 35.5841**, and the grayscale version is **31.0811, -1.6584, 1.6887**.

A 20% lighter version of the original color is **58.5827, 76.8206, -46.7806**, and **25.3712, 49.8013, -32.8477** is the 20% darker color. If you saturate the color by 10%, you get **37.7593, 73.7704, -46.1929**, and if you desaturate by 10%, it is **39.5232, 67.9293, -42.9407**.

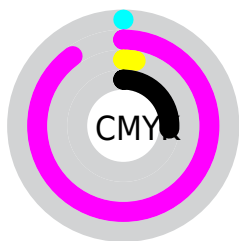
Distribution



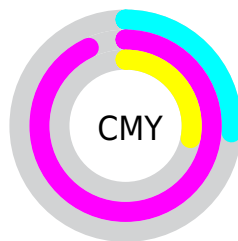
- Red (74%)
- Green (7%)
- Blue (72%)



- Red (74%)
- Yellow (7%)
- Blue (72%)



- Cyan (0%)
- Magenta (90%)
- Yellow (3%)
- Black (26%)



- Cyan (26%)
- Magenta (93%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.3564, 71.8100, -45.2043 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 38.3564, 71.8100, -45.2043 by changing the saturation by 10% instead.

38.3564, 71.8100,
-45.2043

38.3564, 71.8100,
-45.2043

148.8695, 90.9753,
-50.9648

29.3566, 69.4802,
-44.8434

58.6077, 76.5858,
-46.4625

21.1965, 67.4357,
-44.9754

69.7556, 78.9029,
-47.1746

13.9748, 66.2272,
-46.2657

81.5325, 81.1390,
-47.8855

7.6152, 70.3852,
-52.6054

93.9063, 83.2861,
-48.5757

0.0000, INF, -NF

0.0000, NaN, -NF

106.8496, 85.3420,
-49.2338

0.0000, NaN, NaN

120.3384, 87.3072,

0.0000, NaN, NaN

-49.8534

134.3513, 89.1840,
-50.4310

■ 38.3564, 71.8100,
-45.2043

■ 38.3564, 71.8100,
-45.2043

■ 37.7593, 73.7704,
-46.1929

■ 39.5232, 67.9293,
-42.9407

■ 41.3967, 61.9160,
-39.2299

■ 43.9812, 54.1653,
-34.3186

■ 47.2341, 45.2261,
-28.5621

■ 51.0877, 35.6198,
-22.3049

■ 55.4665, 25.7470,
-15.8160

■ 60.2979, 15.8710,
-9.2763

■ 65.5172, 6.1421,
-2.7925

■ 71.0695, -3.3677,
3.5810

Harmonies

Analogous

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



38.3573, 35.3940, -101.3389



38.3564, 71.8100, -45.2043



38.3573, 87.5809, 1.2767

Triad

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



38.3573, 71.8079, -45.2024



38.3573, -1.2014, 26.8501



38.3573, -44.0259, -42.4063

Complementary

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



38.3564, 71.8100, -45.2043



60.4867, -50.9547, 35.5841

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.



38.3573, -47.9557, 2.8818



38.3564, 71.8100, -45.2043



38.3573, -29.0442, 26.7494

Square

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



38.3573, 71.8079, -45.2024



38.3573, 37.3851, 26.6261



38.3573, -43.6004, 22.2072



38.3573, -30.0574, -98.9523

Rectangle

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



38.3564, 71.8100, -45.2043



38.3573, 81.1678, 17.4518



38.3573, -43.6004, 22.2072



38.3573, -46.2933, -24.5916

Sweetspot

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



38.3573, 71.8079, -45.2024



76.1323, 30.4332, -18.5084



20.6526, 47.7679, -124.6530



34.3157, 16.2081, -9.9668



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



38.3573, 71.8079, -45.2024



50.5257, 98.7022, -61.7337



34.9071, 59.2629, 1.7836



31.1309, 2.3869, -0.9771



30.9757, 60.5223, -37.9335



6.1431, 12.0216, -7.6694

Inverse Universe

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



38.3573, 71.8079, -45.2024



50.5257, 98.7022, -61.7337



61.2965, -45.9176, 23.6826



31.1309, 2.3869, -0.9771



30.9757, 60.5223, -37.9335



6.1431, 12.0216, -7.6694

Previews

White Background



This preview shows how the HunterLab color 38.3564, 71.8100, -45.2043 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 × Fail

Black Background



This preview shows how the HunterLab color 38.3564, 71.8100, -45.2043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

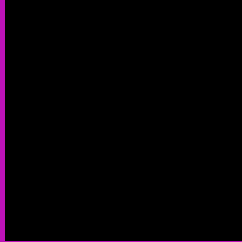
Any Text WCAG AA × Fail

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 38.3564, 71.8100, -45.2043 Background



This preview shows how black text looks on a background with the HunterLab color 38.3564, 71.8100, -45.2043.



This preview shows how white text looks on a background with the HunterLab color 38.3564, 71.8100, -45.2043.

-45.2043.

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

38.3564, 71.8100, -45.2043

Protanopia

39.1454, 14.0426, -79.2423

Deuteranopia

39.1075, 2.8111, -35.7912



Tritanopia

38.6168, 34.9626, 13.3413

Trichromacy



Original Color

38.3564, 71.8100, -45.2043



Protanomaly

32.5336, 32.0701, -88.1437



Deuteranomaly

34.5262, 29.8453, -49.6313



Tritanomaly

37.2395, 49.0144, -2.9901

Monochromacy



Original Color

38.3564, 71.8100, -45.2043



Achromatopsia

31.2390, -1.6668, 1.6973



Achromatomaly

30.5697, 27.1419, -17.0321

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.3564, 71.8100, -45.2043 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(189, 18, 184)` looks like.

```
.text, #text, p{  
    color:rgb(189, 18, 184)  
}
```

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(189, 18, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 18, 184) }
```

Border

The CSS property to change the border of an element to HunterLab 38.3564, 71.8100, -45.2043 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(189, 18, 184) }
```


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

```
.border{ border-color:rgb(189, 18, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 18, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 18, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 18, 184);  
box-shadow:4px 4px 4px 4px rgb(189, 18,  
184) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.3564, 71.8100, -45.2043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 18, 184) }
```

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

```
.background{ background-color: rgb(189, 18,  
184) }
```

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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