

Converting Colors

Decimal(11816593)

Have a look what the booklet for
Decimal(11816593) contains.

Decimal(11816593)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(11816593)

Conversions

Conversions Part 1

Format	Color
Hex	B44E91
RGB	180, 78, 145
RGB Percent	71%, 31%, 57%
CMY	0.2941, 0.6941, 0.4314
CMYK	0.00, 0.57, 0.19, 0.29
HSL	321°, 40%, 51%
HSV	321°, 57%, 71%
XYZ	26.6576, 17.1964, 28.7023
YIQ	116.1360, 39.2850, 42.4610

Conversions

Conversions Part 2

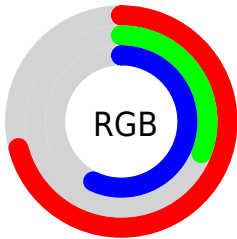
Format	Color
R_{YB}	180, 78, 145
Decimal	11816593
CIE _{Lab}	48.51, 49.24, -17.02
CIE _{LCh}	49, 52.101, 340.934
Yxy	17.1964, 0.3674, 0.2370
Android (android.graphics.Color)	4290006673 (0xFFB44E91)
YUV	116.1360, 14.2300, 56.0087
Hunter-Lab	41.4686, 42.1768, -12.0093

Details

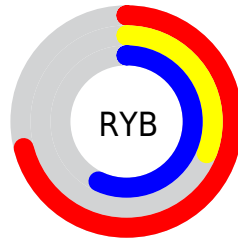
The Decimal color **11816593** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5158001**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **15631303**, and **8131934** is the 20% darker color. If you saturate the color by 10%, you get **11811979**, and if you desaturate by 10%, it is **11821207**.

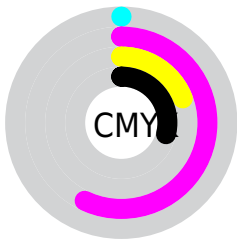
Distribution



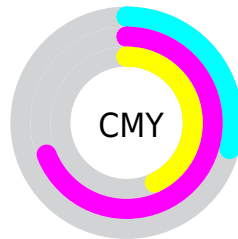
- Red (71%)
- Green (31%)
- Blue (57%)



- Red (71%)
- Yellow (31%)
- Blue (57%)



- Cyan (0%)
- Magenta (57%)
- Yellow (19%)
- Black (29%)



- Cyan (29%)
- Magenta (69%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11816593 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 Decimal color 11816593 by changing the saturation by 10% instead.

 11816593

 11816593

16777215

 9974647

 15631303

 8131934

 16752611

 6357063

 16759807

 4653104

 16766975

 3145755

 16774399

 0

 11816593

 11816593

 11811979

 11821207

 11807365

 11825821

11802750

11830436

11798136

11835050

11796598

11839664

11844278

11848892

11853506

11858121

Harmonies

Analogous

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



9068726



11816593



12798053

Triad

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



11816593



8025614



34476

Complementary

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



11816593



5158001

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.



34947



11816593



4882731

Square

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



11816593



10512154



34389



32966

Rectangle

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



11816593



12537673



34389



34719

Sweetspot

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



11816593



15451101



7360180



7691885



16119285



7697781

Same Dimension

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



11816593



15420340



11816543



5853270



10027108



1703953

Inverse Universe

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



11816593



15420340



5158051



5853270



10027108



1703953

Previews

White Background



This preview shows how the Decimal color 11816593 looks on a white background.

Color Contrast Check

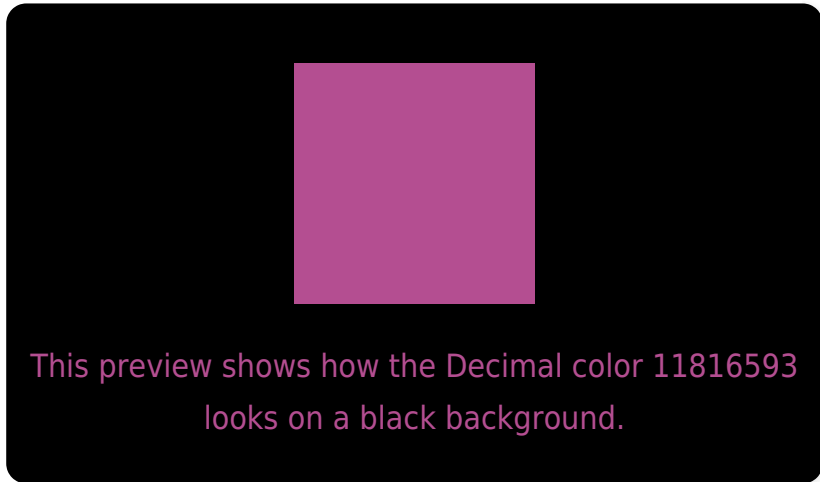
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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](#).

Decimal 11816593 Background



This preview shows how black text looks on a background with the Decimal color 11816593.




This preview shows how white text looks on a background with the Decimal color 11816593.

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





Tritanopia
11491680

Trichromacy



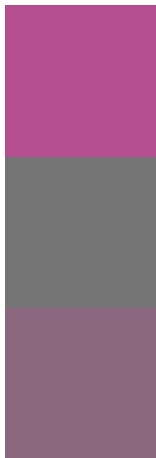
Original Color
11816593

Protanomaly
8349090

Deuteranomaly
9135245

Tritanomaly
11621746

Monochromacy



Original Color
11816593

Achromatopsia
7631988

Achromatomaly
9135743

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11816593 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 #B44E91 looks like.

```
.text, #text, p{  
    color:#B44E91  
}
```

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 #B44E91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B44E91
}
```

Border

The CSS property to change the border of an element to Decimal 11816593 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
#B44E91 }
```

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

```
.border{ border-color:#B44E91 }
```

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

Here you see how a box with a 4 pixel #B44E91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B44E91; -webkit-box-shadow:4px 4px  
4px 4px #B44E91; box-shadow:4px 4px 4px  
4px #B44E91 }
```

Background

The CSS property to change the background color of an element to Decimal 11816593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B44E91 }
```

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

```
.background{ background-color:#B44E91 }
```

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