

Converting Colors

Decimal(11800510)

Have a look what the booklet for
Decimal(11800510) contains.

Decimal(11800510)	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(11800510)

Conversions

Conversions Part 1

Format	Color
Hex	B40FBE
RGB	180, 15, 190
RGB Percent	71%, 6%, 75%
CMY	0.2941, 0.9412, 0.2549
CMYK	0.05, 0.92, 0.00, 0.25
HSL	297°, 85%, 40%
HSV	297°, 92%, 75%
XYZ	28.2875, 13.7627, 49.8807
YIQ	84.2850, 42.1650, 89.4050

Conversions

Conversions Part 2

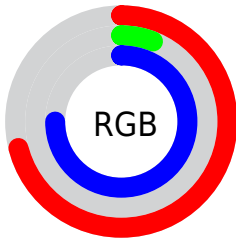
Format	Color
R_{YB}	180, 15, 190
Decimal	11800510
CIE _{Lab}	43.89, 75.68, -50.92
CIE _{LCh}	44, 91.213, 326.067
Yxy	13.7627, 0.3077, 0.1497
Android (android.graphics.Color)	4289990590 (0xFFB40FBE)
YUV	84.2850, 52.1175, 83.9421
Hunter-Lab	37.0980, 71.1857, -53.7506

Details

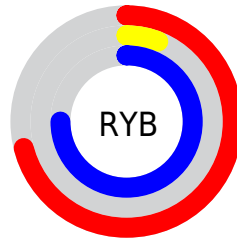
The Decimal color **11800510** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **1687055**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **15752183**, and **7995528** is the 20% darker color. If you saturate the color by 10%, you get **11731134**, and if you desaturate by 10%, it is **11870910**.

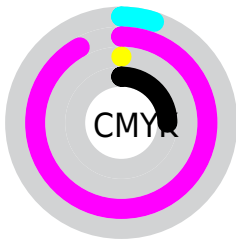
Distribution



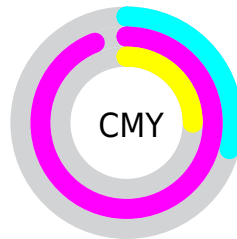
- Red (71%)
- Green (6%)
- Blue (75%)



- Red (71%)
- Yellow (6%)
- Blue (75%)



- Cyan (5%)
- Magenta (92%)
- Yellow (0%)
- Black (25%)



- Cyan (29%)
- Magenta (94%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11800510 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 11800510 by changing the saturation by 10% instead.

 11800510

 11800510

16777215

 9896098

 15752183

 7995528

 16742911

 6160494

 16750335

 4325461

 16757759

 2490428

 16765439

 37

 16773119

 270

 0

 11800510

 11800510

■ 11731134

■ 11870910

■ 11941310

■ 12011710

■ 12082110

■ 12152510

■ 12288446

■ 12358846

■ 12429246

■ 12499646

Harmonies

Analogous

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



1792243



11800510



14680181

Triad

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



11800510



8872448



34217

Complementary

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



11800510



1687055

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.



33883



11800510



3896832

Square

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



11800510



12466432



32768



33511

Rectangle

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



11800510



14942276



32768



34192

Sweetspot

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



11800510



15971063



990142



8082045



16579836



8224125

Same Dimension

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



11800510



15270135



12455794



6182238



9765022



1900575

Inverse Universe

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



12455705



16187406



1031771



6182229



10354697



2031618

Previews

White Background



This preview shows how the Decimal color 11800510 looks on a white background.

Color Contrast Check

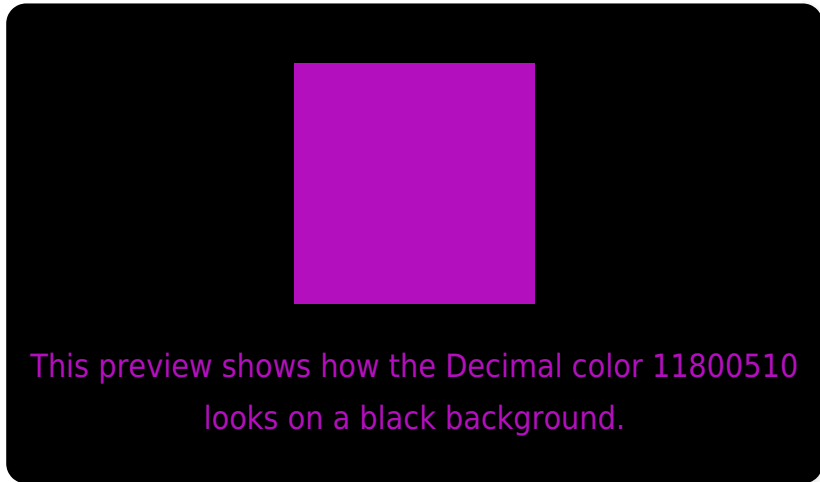
Large Text (above 18pt) WCAG AA ✓ Pass

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

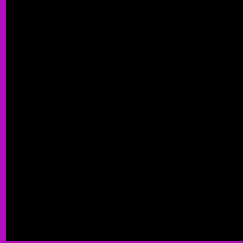
Any Text WCAG AA × Fail

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 11800510 Background



This preview shows how black text looks on a background with the Decimal color 11800510.

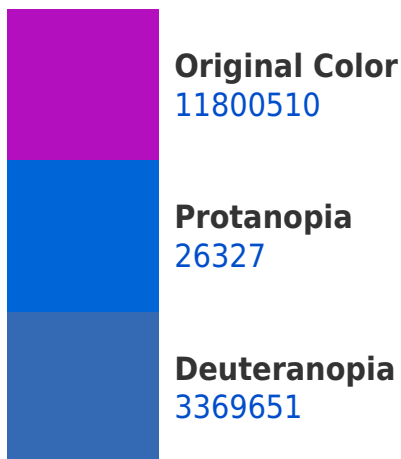


This preview shows how white text looks on a background with the Decimal color 11800510.

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
10963793

Trichromacy



Original Color
11800510



Protanomaly
4277966



Deuteranomaly
6441399



Tritanomaly
11285881

Monochromacy



Original Color
11800510



Achromatopsia
5526612



Achromatomaly
7814011

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11800510 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 #B40FBE looks like.

```
.text, #text, p{  
  color:#B40FBE  
}
```

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 #B40FBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B40FBE
}
```

Border

The CSS property to change the border of an element to Decimal 11800510 is called "border". The border property can be set on classes, ids or directly on the HTML element.

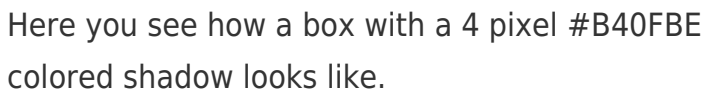
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B40FBE }
```

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

```
.border{ border-color:#B40FBE }
```

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



Here you see how a box with a 4 pixel #B40FBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B40FBE; -webkit-box-shadow:4px 4px  
4px 4px #B40FBE; box-shadow:4px 4px 4px  
4px #B40FBE }
```

Background

The CSS property to change the background color of an element to Decimal 11800510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B40FBE }
```

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

```
.background{ background-color:#B40FBE }
```

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