

Converting Colors

Decimal(12020684)

Have a look what the booklet for
Decimal(12020684) contains.

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Color

Decimal(12020684)

Conversions

Conversions Part 1

Format	Color
Hex	B76BCC
RGB	183, 107, 204
RGB Percent	72%, 42%, 80%
CMY	0.2824, 0.5804, 0.2000
CMYK	0.10, 0.48, 0.00, 0.20
HSL	287°, 49%, 61%
HSV	287°, 48%, 80%
XYZ	35.6852, 24.9423, 60.0603
YIQ	140.7820, 14.1590, 46.2790

Conversions

Conversions Part 2

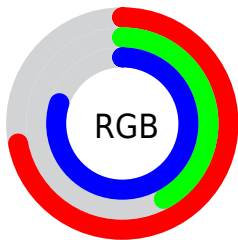
Format	Color
R _{YB}	183, 107, 204
Decimal	12020684
CIE Lab	57.02, 45.97, -38.13
CIE LCh	57, 59.723, 320.326
Yxy	24.9423, 0.2957, 0.2067
Android (android.graphics.Color)	4290210764 (0xFFB76BCC)
YUV	140.7820, 31.1665, 37.0252
Hunter-Lab	49.9423, 40.1445, -36.3422

Details

The Decimal color **12020684** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8440939**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **15835391**, and **8403093** is the 20% darker color. If you saturate the color by 10%, you get **11753420**, and if you desaturate by 10%, it is **12287948**.

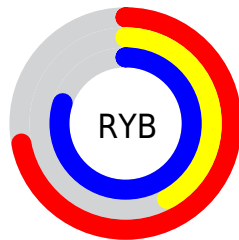
Distribution



Red (72%)

Green (42%)

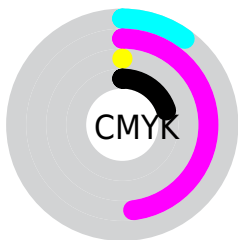
Blue (80%)



Red (72%)

Yellow (42%)

Blue (80%)

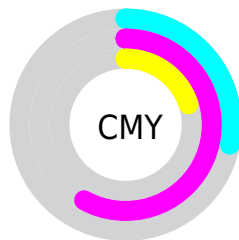


Cyan (10%)

Magenta (48%)

Yellow (0%)

Black (20%)



Cyan (28%)

Magenta (58%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12020684 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 12020684 by changing the saturation by 10% instead.

 12020684

 12020684

16777215

 10178992

 15835391

 8403093

 16760063

 6626683

 16767231

 4915298

 16774655

 3276873

 1769522

 540

 0

 12020684

 12020684

11753420

12287948

11420364

12621004

11153100

12888268

10820044

13221324

10552780

13488588

10485964

13755852

14088908

14352332

14680012

Harmonies

Analogous

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



6849259



12020684



14571676

Triad

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



12020684



11632660



41388

Complementary

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



12020684



8440939

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.



41078



12020684



8491288

Square

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



12020684



13986617



4168514



40664

Rectangle

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



12020684



15160953



4168514



41370

Sweetspot

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



12020684



16243711



7045324



8088192



0



8421504

Same Dimension

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



12020684



14708479



13396913



6577254



8519846



1966118

Inverse Universe

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



13396864



16739981



7064710



6708318



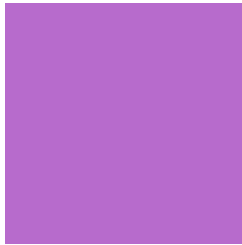
10879012



2490376

Previews

White Background



This preview shows how the Decimal color 12020684 looks on a white background.

Color Contrast Check

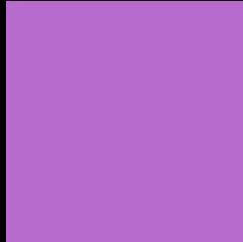
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 12020684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

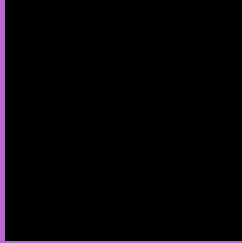
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 12020684 Background



This preview shows how black text looks on a background with the Decimal color 12020684.




This preview shows how white text looks on a background with the Decimal color 12020684.

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](#).

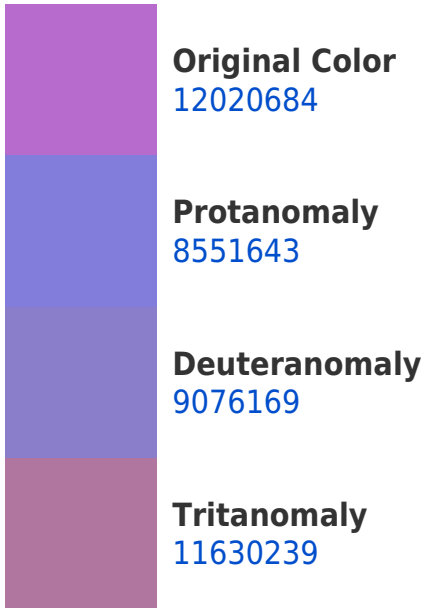
Dichromacy





Tritanopia
11369605

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12020684 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 #B76BCC looks like.

```
.text, #text, p{  
    color:#B76BCC  
}
```

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 #B76BCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B76BCC
}
```

Border

The CSS property to change the border of an element to Decimal 12020684 is called "border". The border property can be set on classes, ids or directly on the HTML element.

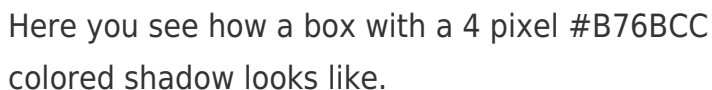
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B76BCC }
```

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

```
.border{ border-color:#B76BCC }
```

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



Here you see how a box with a 4 pixel #B76BCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B76BCC; -webkit-box-shadow:4px 4px  
4px 4px #B76BCC; box-shadow:4px 4px 4px  
4px #B76BCC }
```

Background

The CSS property to change the background color of an element to Decimal 12020684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B76BCC }
```

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

```
.background{ background-color:#B76BCC }
```

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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