

Converting Colors

Decimal(11684020)

Have a look what the booklet for
Decimal(11684020) contains.

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Color

Decimal(11684020)

Conversions

Conversions Part 1

Format	Color
Hex	B248B4
RGB	178, 72, 180
RGB Percent	70%, 28%, 71%
CMY	0.3020, 0.7176, 0.2941
CMYK	0.01, 0.60, 0.00, 0.29
HSL	299°, 43%, 49%
HSV	299°, 60%, 71%
XYZ	28.9157, 17.3950, 45.0136
YIQ	116.0060, 28.5080, 56.0600

Conversions

Conversions Part 2

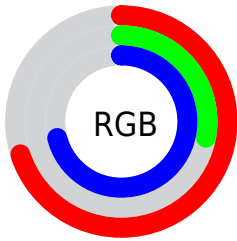
Format	Color
R_{YB}	178, 72, 180
Decimal	11684020
CIE _{Lab}	48.75, 57.17, -37.35
CIE _{LCh}	49, 68.286, 326.845
Yxy	17.3950, 0.3166, 0.1905
Android (android.graphics.Color)	4289874100 (0xFFB248B4)
YUV	116.0060, 31.5490, 54.3687
Hunter-Lab	41.7073, 50.7663, -34.7950

Details

The Decimal color **11684020** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4895816**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **15499244**, and **7996287** is the 20% darker color. If you saturate the color by 10%, you get **11679412**, and if you desaturate by 10%, it is **11688628**.

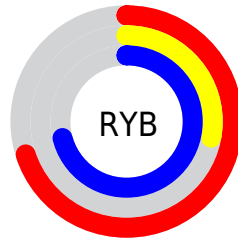
Distribution



Red (70%)

Green (28%)

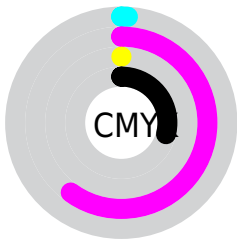
Blue (71%)



Red (70%)

Yellow (28%)

Blue (71%)

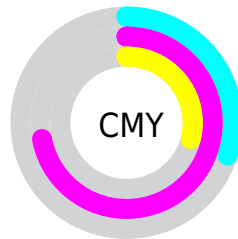


Cyan (1%)

Magenta (60%)

Yellow (0%)

Black (29%)



Cyan (30%)


Magenta (72%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11684020 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 11684020 by changing the saturation by 10% instead.

 11684020

 11684020

16777215

 9841561

 15499244

 7996287

 16751359

 6226021

 16758527

 4522061

 16765951

 2949174

 16773375

 131103

 2

 0

 11684020

 11684020

■ 11679412

■ 11688628

■ 11609268

■ 11758772

■ 11604660

■ 11763380

■ 11600052

■ 11767988

■ 11838132

■ 11842740

■ 11847348

■ 11917492

■ 11922100

Harmonies

Analogous

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



6318044



11684020



13905277

Triad

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



11684020



9531136



36263

Complementary

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



11684020



4895816

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.



35948



11684020



5865472

Square

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



11684020



12342788



34863



35285

Rectangle

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



11684020



14168150



34863



36244

Sweetspot

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



11684020



15384811



4738228



7691125



16119285



7697781

Same Dimension

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



11684020



15155947



11815042



5853273



9830553



1638426

Inverse Universe

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



11814986



15417925



4764794



5853264



10027011



1703936

Previews

White Background



This preview shows how the Decimal color 11684020 looks on a white background.

Color Contrast Check

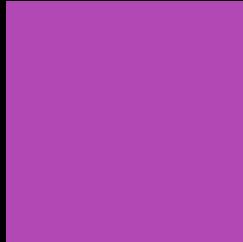
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 11684020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

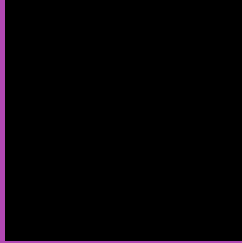
Any Text WCAG AA × Fail

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](#).

Decimal 11684020 Background



This preview shows how black text looks on a background with the Decimal color 11684020.

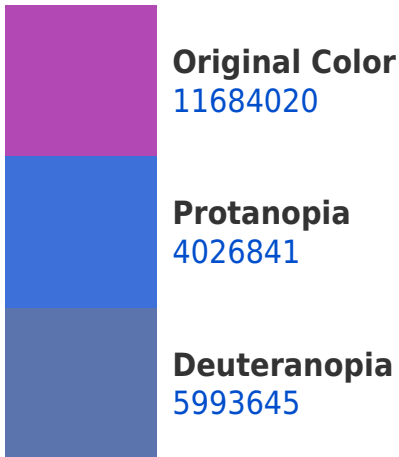



This preview shows how white text looks on a background with the Decimal color 11684020.

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
11099749

Trichromacy



Original Color
11684020



Protanomaly
6841036



Deuteranomaly
8086704



Tritanomaly
11294338

Monochromacy



Original Color
11684020



Achromatopsia
7631988



Achromatomaly
9135243

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11684020 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 #B248B4 looks like.

```
.text, #text, p{  
    color:#B248B4  
}
```

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 #B248B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B248B4
}
```

Border

The CSS property to change the border of an element to Decimal 11684020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

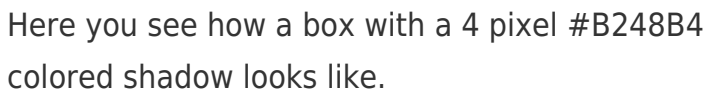
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B248B4 }
```

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

```
.border{ border-color:#B248B4 }
```

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



Here you see how a box with a 4 pixel #B248B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B248B4; -webkit-box-shadow:4px 4px  
4px 4px #B248B4; box-shadow:4px 4px 4px  
4px #B248B4 }
```

Background

The CSS property to change the background color of an element to Decimal 11684020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B248B4 }
```

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

```
.background{ background-color:#B248B4 }
```

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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