

Converting Colors

Hex(B21758)

Have a look what the booklet for
Hex(B21758) contains.

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Color

Hex(B21758)

Conversions

Conversions Part 1

Format	Color
Hex	B21758
RGB	178, 23, 88
RGB Percent	70%, 9%, 35%
CMY	0.3020, 0.9098, 0.6549
CMYK	0.00, 0.87, 0.51, 0.30
HSL	335°, 77%, 39%
HSV	335°, 87%, 70%
XYZ	20.4279, 10.7824, 10.2370
YIQ	76.7550, 71.5150, 53.0750

Conversions

Conversions Part 2

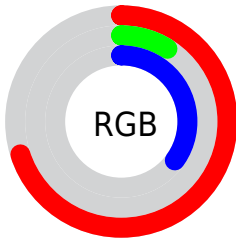
Format	Color
R_{YB}	178, 23, 88
Decimal	11671384
CIE _{Lab}	39.21, 61.52, 4.25
CIE _{LCh}	39, 61.668, 3.951
Yxy	10.7824, 0.4929, 0.2601
Android (android.graphics.Color)	4289861464 (0xFFB21758)
YUV	76.7550, 5.5438, 88.7919
Hunter-Lab	32.8365, 53.5830, 4.5014

Details

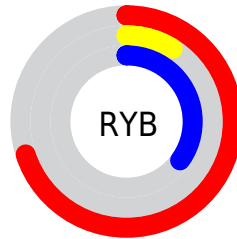
The Hex color **B21758** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **17B271**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **EF598A**, and **77002B** is the 20% darker color. If you saturate the color by 10%, you get **B2054E**, and if you desaturate by 10%, it is **B22962**.

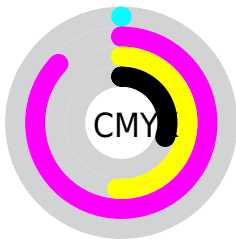
Distribution



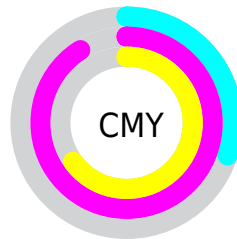
- Red (70%)
- Green (9%)
- Blue (35%)



- Red (70%)
- Yellow (9%)
- Blue (35%)



- Cyan (0%)
- Magenta (87%)
- Yellow (51%)
- Black (30%)



- Cyan (30%)
- Magenta (91%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color B21758 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 Hex color B21758 by changing the saturation by 10% instead.

 B21758

 B21758

FFFFFF

 940041

 EF598A

 77002B

 FF75A4

 5A0017

 FF92BF

 400003

 FFAEDB

 1C0001

 FFCBF7

 000000

 FFE9FF

 B21758

 B21758

 B2054E

 B22962

 B2004B

 B23B6D

 B24C77

 B25E81

 B2708C

 B28296

 B294A0

 B2A5AB

 B2B7B5

Harmonies

Analogous

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



9C2D89



B21758



AC2C27

Triad

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



B21758



356900



006DB7

Complementary

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



B21758



17B271

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.



007194



B21758



006F2D

Square

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



B21758



6B5D00



007262



0061C2

Rectangle

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



B21758



9D4000



007262



006FAD

Sweetspot

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



B21758



E8ACC5



6F17B2



755160



F5F5F5



757575

Same Dimension

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



B21758



E80061



B22117



595054



990040



1A000B

Inverse Universe

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



B21758



E80061



17A8B2



595054



990040



1A000B

Previews

White Background



This preview shows how the Hex color B21758 looks on a white background.

Color Contrast Check

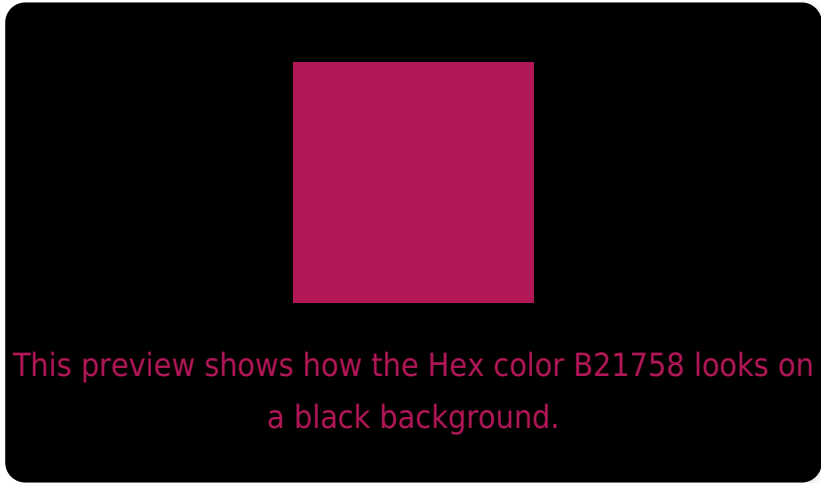
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Hex B21758 Background



This preview shows how black text looks on a background with the Hex color B21758.



This preview shows how white text looks on a background with the Hex color B21758.

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
B02829

Trichromacy



Original Color
B21758

Protanomaly
77446F

Deuteranomaly
854254

Tritanomaly
B1223A

Monochromacy



Original Color
B21758

Achromatopsia
4D4D4D

Achromatomaly
723951

CSS Examples

Text

The CSS property to change the color of the text to Hex B21758 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 #B21758 looks like.

```
.text, #text, p{  
    color:#B21758  
}
```

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 #B21758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B21758
}
```

Border

The CSS property to change the border of an element to Hex B21758 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
#B21758 }
```

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

```
.border{ border-color:#B21758 }
```

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

Here you see how a box with a 4 pixel #B21758 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B21758; -webkit-box-shadow:4px 4px  
4px 4px #B21758; box-shadow:4px 4px 4px  
4px #B21758 }
```

Background

The CSS property to change the background color of an element to Hex B21758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B21758 }
```

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

```
.background{ background-color:#B21758 }
```

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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