

Converting Colors

Hex(C11758)

Have a look what the booklet for
Hex(C11758) contains.

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Color

Hex(C11758)

Conversions

Conversions Part 1

Format	Color
Hex	C11758
RGB	193, 23, 88
RGB Percent	76%, 9%, 35%
CMY	0.2431, 0.9098, 0.6549
CMYK	0.00, 0.88, 0.54, 0.24
HSL	337°, 79%, 42%
HSV	337°, 88%, 76%
XYZ	24.0602, 12.6548, 10.4070
YIQ	81.2400, 80.4550, 56.2550

Conversions

Conversions Part 2

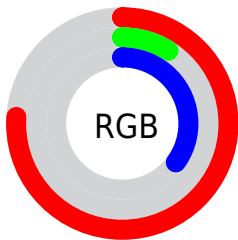
Format	Color
R_{YB}	193, 23, 88
Decimal	12654424
CIE Lab	42.24, 65.27, 8.97
CIE LCh	42, 65.879, 7.824
Yxy	12.6548, 0.5106, 0.2686
Android (android.graphics.Color)	4290844504 (0xFFC11758)
YUV	81.2400, 3.3327, 98.0135
Hunter-Lab	35.5736, 58.4743, 7.5563

Details

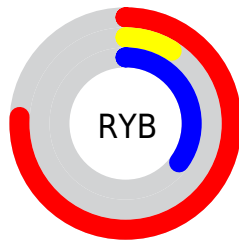
The Hex color **C11758** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **17C180**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5C8A**, and **84002B** is the 20% darker color. If you saturate the color by 10%, you get **C1044C**, and if you desaturate by 10%, it is **C12A64**.

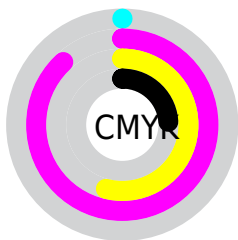
Distribution



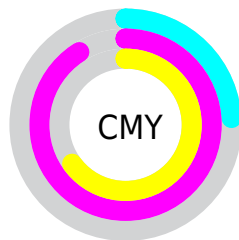
- Red (76%)
- Green (9%)
- Blue (35%)



- Red (76%)
- Yellow (9%)
- Blue (35%)



- Cyan (0%)
- Magenta (88%)
- Yellow (54%)
- Black (24%)



- Cyan (24%)
- Magenta (91%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color C11758 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 C11758 by changing the saturation by 10% instead.

 C11758

 C11758

FFFFFF

 A30041

 FF5C8A

 84002B

 FF79A4

 670017

 FF95BF

 4B0002

 FFB2DA

 2C0001

 FFD0F7

 000000

 FFEDFF

 C11758

 C11758

 C1044C

 C12A64

 C1004A

 C13E70

 C1517C

 C16488

 C17794

 C18BA0

 C19EAB

 C1B1B7

 C1C5C3

Harmonies

Analogous

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



AE2B8E



C11758



B83323

Triad

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



C11758



2F7200



0074C9

Complementary

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



C11758



17C180

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.



007AA6



C11758



007838

Square

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



C11758



6D6600



007B71



0066D1

Rectangle

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



C11758



A54800



007B71



0077C0

Sweetspot

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



C11758



FAB9D2



8017C1



7D5665



FCFCFC



7D7D7D

Same Dimension

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



C11758



FA0060



C12B17



61575B



A1003D



21000D

Inverse Universe

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



C11758



FA0060



17ADC1



61575B



A1003D



21000D

Previews

White Background



This preview shows how the Hex color C11758 looks on a white background.

Color Contrast Check

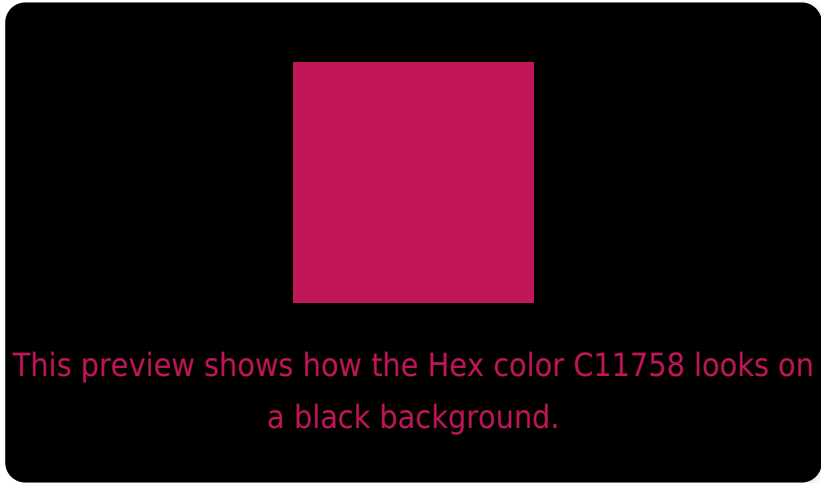
Large Text (above 18pt) WCAG AA ✓ Pass

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 C11758 Background



This preview shows how black text looks on a background with the Hex color C11758.



This preview shows how white text looks on a background with the Hex color C11758.

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

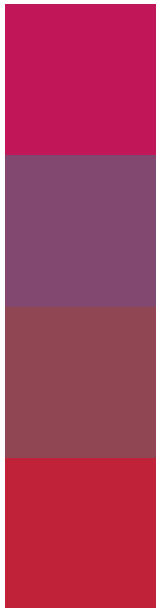


Original Color
C11758

Protanopia
5F647D

Deuteranopia
766150

Trichromacy



Original Color
C11758

Protanomaly
834870

Deuteranomaly
914653

Tritanomaly
C02239

Monochromacy



Original Color
C11758

Achromatopsia
515151

Achromatomaly
7A3C54

CSS Examples

Text

The CSS property to change the color of the text to Hex C11758 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 #C11758 looks like.

```
.text, #text, p{  
    color:#C11758  
}
```

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 #C11758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C11758 }  
}
```

Border

The CSS property to change the border of an element to Hex C11758 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".

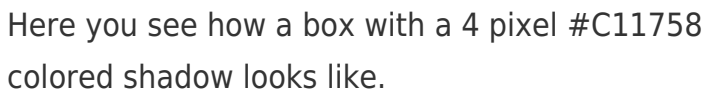
```
.border, #border, table{ border:4px solid #C11758 }  
}
```

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

```
.border{ border-color:#C11758 }
```

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

Here you see how a box with a 4 pixel #C11758 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C11758; -webkit-box-shadow:4px 4px  
4px 4px #C11758; box-shadow:4px 4px 4px  
4px #C11758 }
```

Background

The CSS property to change the background color of an element to Hex C11758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C11758 }
```

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

```
.background{ background-color:#C11758 }
```

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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