

# Converting Colors

Decimal(11163020)

Have a look what the booklet for  
Decimal(11163020) contains.

<b>Decimal(11163020)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(11163020)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA558C
RGB	170, 85, 140
RGB Percent	67%, 33%, 55%
CMY	0.3333, 0.6667, 0.4510
CMYK	0.00, 0.50, 0.18, 0.33
HSL	321°, 33%, 50%
HSV	321°, 50%, 67%
XYZ	24.5597, 16.9365, 26.7856
YIQ	116.6850, 33.0050, 35.1250

# Conversions

## Conversions Part 2

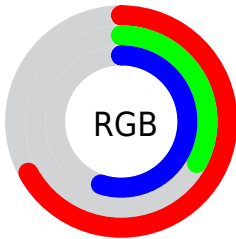
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 85, 140
Decimal	11163020
CIE <sub>Lab</sub>	48.18, 41.83, -14.66
CIE <sub>LCh</sub>	48, 44.325, 340.684
Yxy	16.9365, 0.3597, 0.2480
Android (android.graphics.Color)	4289353100 (0xFFAA558C)
YUV	116.6850, 11.4943, 46.7573
Hunter-Lab	41.1540, 34.5050, -9.7818

# Details

The Decimal color **11163020** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5614195**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **14911938**, and **7545178** is the 20% darker color. If you saturate the color by 10%, you get **11158662**, and if you desaturate by 10%, it is **11167378**.

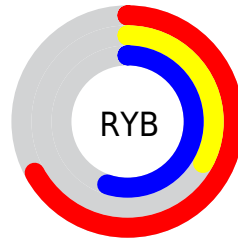
# Distribution



Red (67%)

Green (33%)

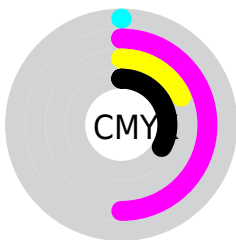
Blue (55%)



Red (67%)

Yellow (33%)

Blue (55%)

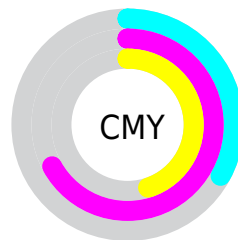


Cyan (0%)

Magenta (50%)

Yellow (18%)

Black (33%)



Cyan (33%)

Magenta (67%)















Yellow (45%)






# Brightness & Saturation Gradients

These gradients show how the Decimal color 11163020 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 11163020 by changing the saturation by 10% instead.



 11163020	 11163020
 16777215	 9321330
 14911938	 7545178
 16754142	 5833026
 16761082	 4194348
 16768511	 2752536
 16775935	 0

 11163020	 11163020
 11158662	 11167378
 11154304	 11171736

11149946

11176094

11145588

11180452

11141230

11184810

11189168

11193526

11197884

11202242

# Harmonies

## Analogous

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



8807339



11163020



12013926

# Triad

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



11163020



8025379



33698

# Complementary

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



11163020



5614195

# 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.



34175



11163020



5340727

# Square

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



11163020



10184746



33624



32185

# Rectangle

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



11163020



11883854



33624



33944



# Sweetspot

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



11163020



14597586



7558570



7363689



15790320



7368816



# Same Dimension

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



11163020



14571951



11162978



5524561



9699424



1310733



# Inverse Universe

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



11163020



14571951



5614237



5524561



9699424



1310733



# Previews

## White Background



This preview shows how the Decimal color 11163020 looks on a white background.

## Color Contrast Check

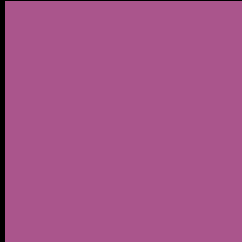
Large Text (above 18pt) WCAG AA ✓ Pass

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 11163020 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

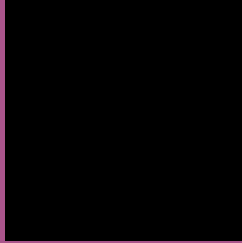
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 11163020 Background



This preview shows how black text looks on a background with the Decimal color 11163020.



This preview shows how white text looks on a background with the Decimal color 11163020.

# 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**  
10902884

# Trichromacy



**Original Color**  
11163020

**Protanomaly**  
8284057

**Deuteranomaly**  
8939145

**Tritanomaly**  
10967667

# Monochromacy



**Original Color**  
11163020

**Achromatopsia**  
7697781

**Achromatomaly**  
8939901

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11163020 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 #AA558C looks like.

```
.text, #text, p{  
    color:#AA558C  
}
```

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 #AA558C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA558C
}
```

## Border

The CSS property to change the border of an element to Decimal 11163020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

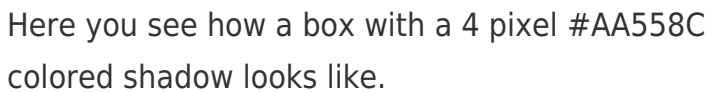
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA558C }
```

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

```
.border{ border-color:#AA558C }
```

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



Here you see how a box with a 4 pixel #AA558C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA558C; -webkit-box-shadow:4px 4px  
4px 4px #AA558C; box-shadow:4px 4px 4px  
4px #AA558C }
```

# Background

The CSS property to change the background color of an element to Decimal 11163020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA558C }
```

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

```
.background{ background-color:#AA558C }
```

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