

# Converting Colors

Decimal(12583756)

Have a look what the booklet for  
Decimal(12583756) contains.

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# Color

**Decimal(12583756)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0034C
RGB	192, 3, 76
RGB Percent	75%, 1%, 30%
CMY	0.2471, 0.9882, 0.7020
CMYK	0.00, 0.98, 0.60, 0.25
HSL	337°, 97%, 38%
HSV	337°, 98%, 75%
XYZ	23.0753, 11.7934, 7.8976
YIQ	67.8330, 89.2110, 62.7710

# Conversions

## Conversions Part 2

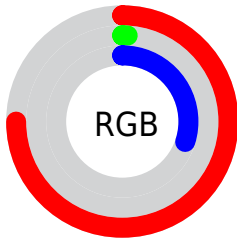
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 3, 76
Decimal	12583756
CIELab	40.89, 66.72, 14.67
CIELCh	41, 68.314, 12.401
Yxy	11.7934, 0.5396, 0.2758
Android (android.graphics.Color)	4290773836 (0xFFC0034C)
YUV	67.8330, 4.0263, 108.8945
Hunter-Lab	34.3415, 59.8429, 10.4040

# Details

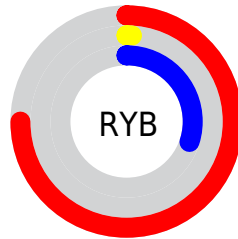
The Decimal color **12583756** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **245879**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **16733564**, and **8585249** is the 20% darker color. If you saturate the color by 10%, you get **12582986**, and if you desaturate by 10%, it is **12588632**.

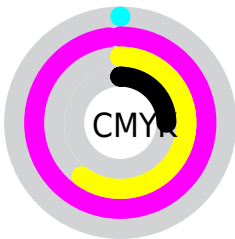
# Distribution



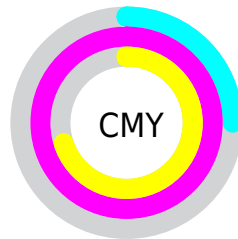
- Red (75%)
- Green (1%)
- Blue (30%)



- Red (75%)
- Yellow (1%)
- Blue (30%)



- Cyan (0%)
- Magenta (98%)
- Yellow (60%)
- Black (25%)



- Cyan (25%)
- Magenta (99%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12583756 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 12583756 by changing the saturation by 10% instead.



 12583756

 12583756

16777215

 10551350

 16733564

 8585249

 16741014

 6619146

 16748465

 4718595

 16755916

 2686977

 16763624

 0

 16771071

 12583756

 12583756

 12582986

 12588632

 12593508

 12598639

 12603515

 12608391

 12613267

 12618142

 12623274

 12628150

# Harmonies

## Analogous

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



11606660



12583756



11678228

# Triad

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



12583756



1208576



28876

# Complementary

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



12583756



245879

# 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.



30636



12583756



30268

# Square

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



12583756



6382848



30839



24783

# Rectangle

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



12583756



10307584



30839



29636



# Sweetspot

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



12583756



16429004



7603136



8212577



16579836



8224125



# Same Dimension

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



12583756



16384097



12588547



6379355



10551358



2162701



# Inverse Universe

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



12583756



16384097



241088



6379355



10551358



2162701



# Previews

## White Background



This preview shows how the Decimal color 12583756 looks on a white background.

## Color Contrast Check

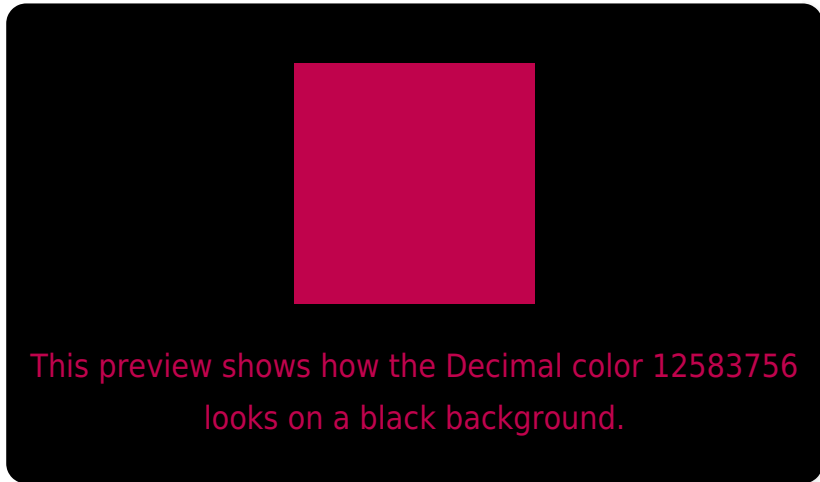
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 12583756 Background



This preview shows how black text looks on a background with the Decimal color 12583756.



This preview shows how white text looks on a background with the Decimal color 12583756.

# Color Blindness Simulation

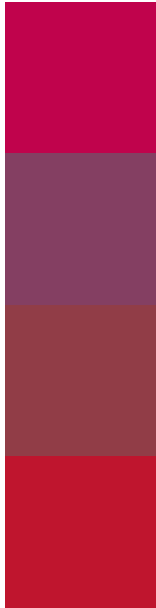
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
12583756

**Protanomaly**  
8666978

**Deuteranomaly**  
9518407

**Tritanomaly**  
12522798

# Monochromacy



**Original Color**  
12583756

**Achromatopsia**  
4473924

**Achromatomaly**  
7416903

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12583756 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 #C0034C looks like.

```
.text, #text, p{  
  color:#C0034C  
}
```

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 #C0034C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0034C
}
```

## Border

The CSS property to change the border of an element to Decimal 12583756 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
#C0034C }
```

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

```
.border{ border-color:#C0034C }
```

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

Here you see how a box with a 4 pixel #C0034C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0034C; -webkit-box-shadow:4px 4px  
4px 4px #C0034C; box-shadow:4px 4px 4px  
4px #C0034C }
```

# Background

The CSS property to change the background color of an element to Decimal 12583756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0034C }
```

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

```
.background{ background-color:#C0034C }
```

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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