

# Converting Colors

Decimal(10686293)

Have a look what the booklet for  
Decimal(10686293) contains.

<b>Decimal(10686293)</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(10686293)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A30F55
RGB	163, 15, 85
RGB Percent	64%, 6%, 33%
CMY	0.3608, 0.9412, 0.6667
CMYK	0.00, 0.91, 0.48, 0.36
HSL	332°, 83%, 35%
HSV	332°, 91%, 64%
XYZ	16.9148, 8.7841, 9.3983
YIQ	67.2320, 65.7380, 53.1460

# Conversions

## Conversions Part 2

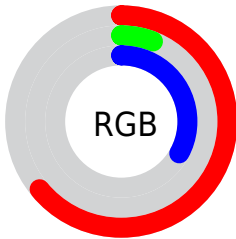
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 15, 85
Decimal	10686293
CIE <sub>Lab</sub>	35.57, 58.98, 0.52
CIE <sub>LCh</sub>	36, 58.980, 0.503
Yxy	8.7841, 0.4819, 0.2503
Android (android.graphics.Color)	4288876373 (0xFFA30F55)
YUV	67.2320, 8.7596, 83.9885
Hunter-Lab	29.6379, 50.0061, 1.9454

# Details

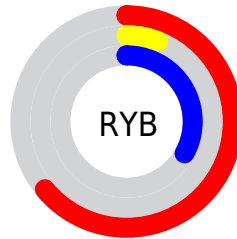
The Decimal color **10686293** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **1024861**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **14635910**, and **6881320** is the 20% darker color. If you saturate the color by 10%, you get **10682445**, and if you desaturate by 10%, it is **10690398**.

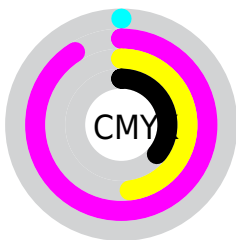
# Distribution



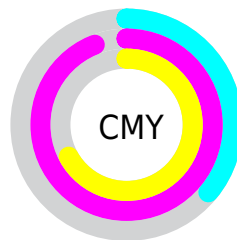
- Red (64%)
- Green (6%)
- Blue (33%)



- Red (64%)
- Yellow (6%)
- Blue (33%)



- Cyan (0%)
- Magenta (91%)
- Yellow (48%)
- Black (36%)



- Cyan (36%)
- Magenta (94%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10686293 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 10686293 by changing the saturation by 10% instead.



 10686293

 10686293

16777215

 8781886

 14635910

 6881320

 16609185

 5046292

 16747451

 3276802

 16754647

 0

 16762100

 16769535

16776959

 10686293

 10686293

10682445

10690398

10694758

10698863

10702967

10707328

10711433

10715537

10719642

10724002

# Harmonies

## Analogous

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



9120387



10686293



10494503

# Triad

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



10686293



3563008



25766

# Complementary

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



10686293



1024861

# 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.



26755



10686293



25889

# Square

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



10686293



6705664



26451



23219

# Rectangle

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



10686293



9647364



26451



26268



# Sweetspot

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



10686293



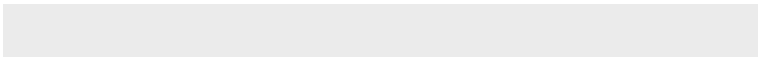
13933494



5967779



7031129



15461355



7039851



# Same Dimension

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



10686293



13893732



10686735



5392717



9502789



1179656



# Inverse Universe

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



10686293



13893732



1024419



5392717



9502789



1179656



# Previews

## White Background



This preview shows how the Decimal color 10686293 looks on a white background.

## Color Contrast Check

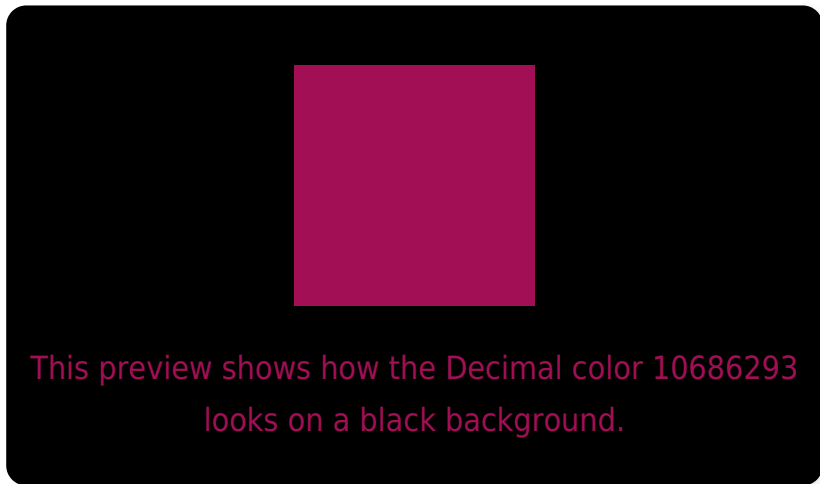
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 10686293 Background



This preview shows how black text looks on a background with the Decimal color 10686293.



This preview shows how white text looks on a background with the Decimal color 10686293.

# 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**  
10686293

**Protanomaly**  
6962028

**Deuteranomaly**  
7944785

**Tritanomaly**  
10624054

# Monochromacy



**Original Color**  
10686293

**Achromatopsia**  
4408131

**Achromatomaly**  
6697034

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10686293 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 #A30F55 looks like.

```
.text, #text, p{  
  color:#A30F55  
}
```

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 #A30F55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A30F55
}
```

## Border

The CSS property to change the border of an element to Decimal 10686293 is called "border". The border property can be set on classes, ids or directly on the HTML element.

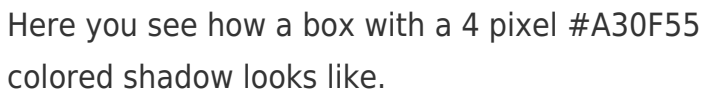
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A30F55 }
```

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

```
.border{ border-color:#A30F55 }
```

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



Here you see how a box with a 4 pixel `#A30F55` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A30F55; -webkit-box-shadow:4px 4px  
4px 4px #A30F55; box-shadow:4px 4px 4px  
4px #A30F55 }
```

# Background

The CSS property to change the background color of an element to Decimal 10686293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A30F55 }
```

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

```
.background{ background-color:#A30F55 }
```

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