

# Converting Colors

Decimal(12615786)

Have a look what the booklet for  
Decimal(12615786) contains.

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# Color

**Decimal(12615786)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C0806A
RGB	192, 128, 106
RGB Percent	75%, 50%, 42%
CMY	0.2471, 0.4980, 0.5843
CMYK	0.00, 0.33, 0.45, 0.25
HSL	15°, 41%, 58%
HSV	15°, 45%, 75%
XYZ	32.0589, 27.6854, 17.2898
YIQ	144.6280, 45.2060, 6.7260

# Conversions

## Conversions Part 2

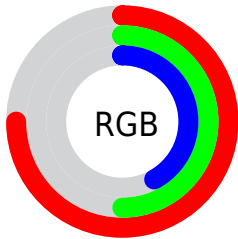
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 136, 106
Decimal	12615786
CIELab	59.60, 22.17, 22.05
CIElCh	60, 31.268, 44.839
Yxy	27.6854, 0.4162, 0.3594
Android (android.graphics.Color)	4290805866 (0xFFC0806A)
YUV	144.6280, -19.0436, 41.5452
Hunter-Lab	52.6169, 16.6784, 17.3493

# Details

The Decimal color **12615786** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **6990528**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **16430493**, and **8932922** is the 20% darker color. If you saturate the color by 10%, you get **12612183**, and if you desaturate by 10%, it is **12619389**.

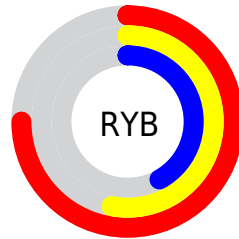
# Distribution



Red (75%)

Green (50%)

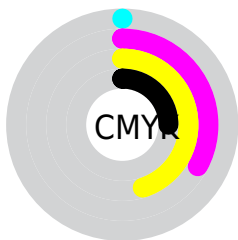
Blue (42%)



Red (75%)

Yellow (53%)

Blue (42%)

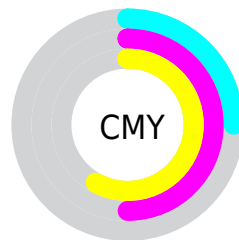


Cyan (0%)

Magenta (33%)

Yellow (45%)

Black (25%)



Cyan (25%)

Magenta (50%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12615786 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 12615786 by changing the saturation by 10% instead.



 12615786

 12615786

16777215

 10774354

 16430493

 8932922

 16765368

 7157541

 16772564

 5382160

 16777201

 3738112

 2228225

 0

 12615786

 12615786

 12612183

 12619389

12608324

12623248

12604720

12626852

12601117

12630455

12597514

12634058

12595456

12637917

12641520

12645119

12648447

# Harmonies

## Analogous

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



13007747



12615786



11438427

# Triad

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



12615786



5545344



8359620

# Complementary

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



12615786



6990528

# 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.



5412548



12615786



3317405

# Square

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



12615786



7772520



2858165



10781879

# Rectangle

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



12615786



10391384



2858165



7377350

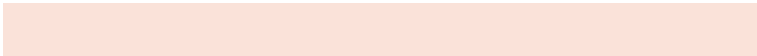


# Sweetspot

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



12615786



16442073



12610219



8220265



16579836



8224125



# Same Dimension

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



12615786



16422259



12626794



6380119



10561792



2164736



# Inverse Universe

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



6990528



7591930



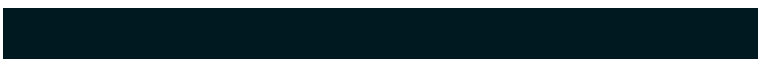
6979776



5725793



30881



6433



# Previews

## White Background



This preview shows how the Decimal color 12615786 looks on a white 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

# Black Background



This preview shows how the Decimal color 12615786 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

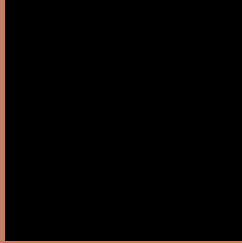
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12615786 Background



This preview shows how black text looks on a background with the Decimal color 12615786.



This preview shows how white text looks on a background with the Decimal color 12615786.

# 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**  
12615786

**Protanopia**  
10063985

**Deuteranopia**  
11242088



**Tritanopia**  
12745861

# Trichromacy



**Original Color**  
12615786

**Protanomaly**  
10979950

**Deuteranomaly**  
11765353

**Tritanomaly**  
12680571

# Monochromacy



**Original Color**  
12615786

**Achromatopsia**  
9539985

**Achromatomaly**  
10652547

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12615786 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 #C0806A looks like.

```
.text, #text, p{  
    color:#C0806A  
}
```

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 #C0806A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0806A
}
```

## Border

The CSS property to change the border of an element to Decimal 12615786 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
#C0806A }
```

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

```
.border{ border-color:#C0806A }
```

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

Here you see how a box with a 4 pixel #C0806A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0806A; -webkit-box-shadow:4px 4px  
4px 4px #C0806A; box-shadow:4px 4px 4px  
4px #C0806A }
```

# Background

The CSS property to change the background color of an element to Decimal 12615786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0806A }
```

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

```
.background{ background-color:#C0806A }
```

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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