

Converting Colors

Decimal(12086016)

Have a look what the booklet for
Decimal(12086016) contains.

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Color

Decimal(12086016)

Conversions

Conversions Part 1

Format	Color
Hex	B86B00
RGB	184, 107, 0
RGB Percent	72%, 42%, 0%
CMY	0.2784, 0.5804, 1.0000
CMYK	0.00, 0.42, 1.00, 0.28
HSL	35°, 100%, 36%
HSV	35°, 100%, 72%
XYZ	25.0249, 20.7057, 2.6777
YIQ	117.8250, 80.2390, -16.9530

Conversions

Conversions Part 2

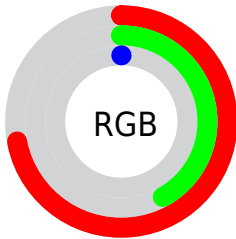
Format	Color
R _Y B	132, 184, 0
Decimal	12086016
CIE Lab	52.63, 24.66, 60.16
CIE LCh	53, 65.020, 67.708
Yxy	20.7057, 0.5170, 0.4277
Android (android.graphics.Color)	4290276096 (0xFFB86B00)
YUV	117.8250, -58.0877, 58.0355
Hunter-Lab	45.5036, 18.5355, 28.3636

Details

The Decimal color **12086016** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **19896**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **16162624**, and **8207104** is the 20% darker color. If you saturate the color by 10%, you get **12086016**, and if you desaturate by 10%, it is **12088082**.

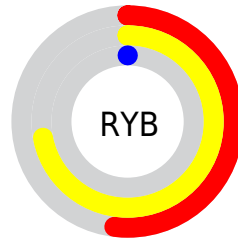
Distribution



Red (72%)

Green (42%)

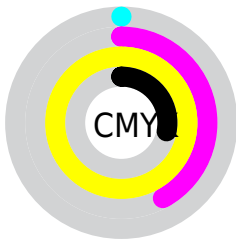
Blue (0%)



Red (52%)

Yellow (72%)

Blue (0%)

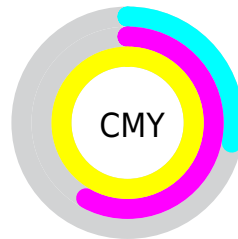


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (28%)



Cyan (28%)


















Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12086016 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 12086016 by changing the saturation by 10% instead.

 12086016	 12086016
 16777215	 10113536
 16162624	 8207104
 16759387	 6235136
 16766581	 4394496
 16773776	 2818048
 16777132	 0
 16777160	
 16777189	
 12086016	

 12088082

 12089893

 12091959

 12094026

 12096092

 12097902

 12099969

 12102035

 12103846

Harmonies

Analogous

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



14111036



12086016



9076736

Triad

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



12086016



38795



9464023

Complementary

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



12086016



19896

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.



33005



12086016



38593

Square

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



12086016



37969



36837



13323433

Rectangle

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



12086016



6588672



36837



7434721

Sweetspot

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



12086016



15782568



12058704



7890509



16250871



7895160

Same Dimension

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



12086016



15764224



11319296



6051923



10246656



1839104

Inverse Universe

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



19896



25840



786616



5461596



16796



3100

Previews

White Background



This preview shows how the Decimal color 12086016 looks on a white background.

Color Contrast Check

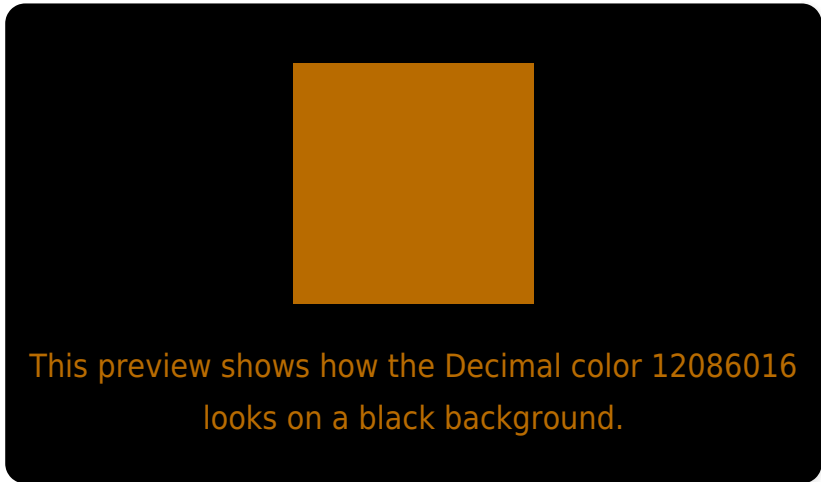
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 12086016 Background



This preview shows how black text looks on a background with the Decimal color 12086016.



This preview shows how white text looks on a background with the Decimal color 12086016.

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
12086016

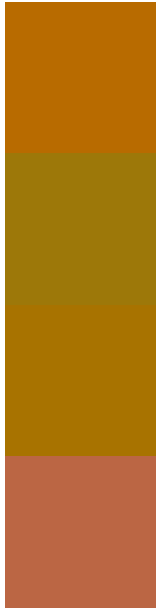
Protanopia
9338638

Deuteranopia
10450944



Tritanopia
12346219

Trichromacy



Original Color
12086016

Protanomaly
10319881

Deuteranomaly
11039488

Tritanomaly
12281412

Monochromacy



Original Color
12086016

Achromatopsia
7763574

Achromatomaly
9335371

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12086016 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 #B86B00 looks like.

```
.text, #text, p{  
    color:#B86B00  
}
```

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 #B86B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86B00
}
```

Border

The CSS property to change the border of an element to Decimal 12086016 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
#B86B00 }
```

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

```
.border{ border-color:#B86B00 }
```

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

Here you see how a box with a 4 pixel #B86B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86B00; -webkit-box-shadow:4px 4px  
4px 4px #B86B00; box-shadow:4px 4px 4px  
4px #B86B00 }
```

Background

The CSS property to change the background color of an element to Decimal 12086016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86B00 }
```

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

```
.background{ background-color:#B86B00 }
```

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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