

# Converting Colors

Decimal(66156)

Have a look what the booklet for  
Decimal(66156) contains.

<b>Decimal(66156)</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(66156)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01026C
RGB	1, 2, 108
RGB Percent	0%, 1%, 42%
CMY	0.9961, 0.9922, 0.5765
CMYK	0.99, 0.98, 0.00, 0.58
HSL	239°, 98%, 21%
HSV	239°, 99%, 42%
XYZ	2.7410, 1.1326, 14.2615
YIQ	13.7850, -34.6220, 32.7540

# Conversions

## Conversions Part 2

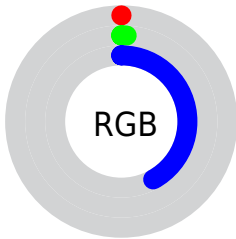
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 2, 108
Decimal	66156
CIELab	10.05, 41.04, -56.66
CIELCh	10, 69.960, 305.921
Yxy	1.1326, 0.1511, 0.0625
Android (android.graphics.Color)	4278256236 (0xFF01026C)
YUV	13.7850, 46.4480, -11.2124
Hunter-Lab	10.6423, 27.3501, -72.0038

# Details

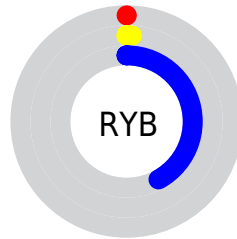
The Decimal color **66156** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **7105281**, and the grayscale version is **855309**.

A 20% lighter version of the original color is **4993441**, and **1595** is the 20% darker color. If you saturate the color by 10%, you get **364**, and if you desaturate by 10%, it is **789868**.

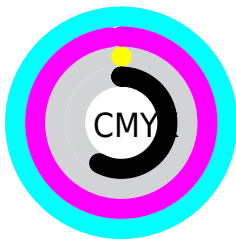
# Distribution



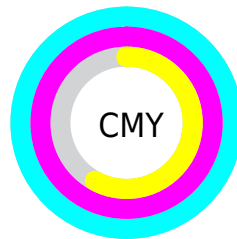
- Red (0%)
- Green (1%)
- Blue (42%)



- Red (0%)
- Yellow (1%)
- Blue (42%)



- Cyan (99%)
- Magenta (98%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (99%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 66156 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 66156 by changing the saturation by 10% instead.





66156



66156



16771327



83



4993441



1595



6834364



548



8675801



12



10582773



0



12424703



14332159



16305151



66156



66156

■ 364

■ 789868

■ 1513324

■ 2171500

■ 2895212

■ 3618668

■ 4342380

■ 5066092

■ 5724268

■ 6447724

# Harmonies

## Analogous

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



9088



66156



5570628

# Triad

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



66156



4194816



10533

# Complementary

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



66156



7105281

# 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.



10240



66156



1777152

# Square

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



66156



5898240



9984



11348

# Rectangle

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



66156



6422565



9984



10260



# Sweetspot

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



66156



6448012



93290



3026503



13092807



4671303



# Same Dimension

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



66156



396



3473772



3158070



373



757



# Inverse Universe

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



7078146



9175041



3697665



3551280



7667713

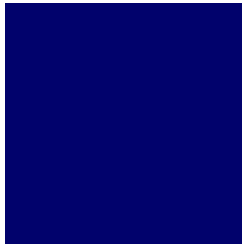


16056322



# Previews

## White Background



This preview shows how the Decimal color 66156 looks on a white background.

## Color Contrast Check

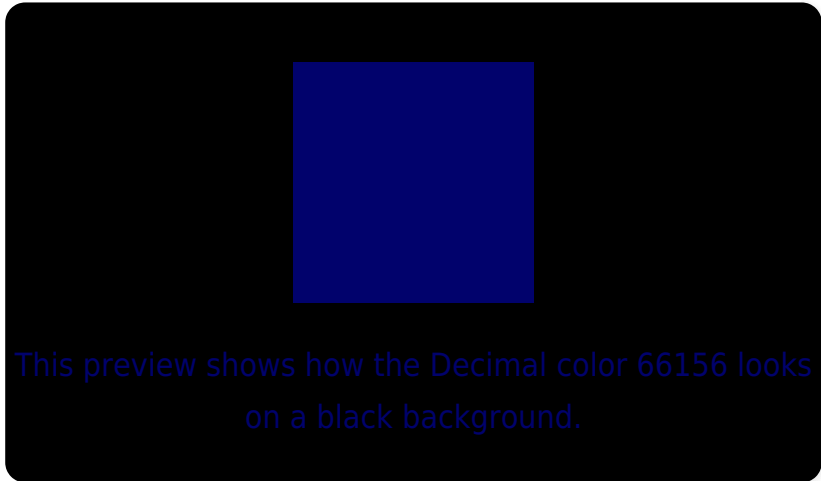
Large Text (above 18pt) WCAG AA ✓ Pass

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

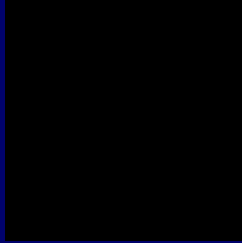
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 66156 Background



This preview shows how black text looks on a background with the Decimal color 66156.



This preview shows how white text looks on a background with the Decimal color 66156.

# 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**  
66156

**Protanopia**  
8258

**Deuteranopia**  
8760



# Trichromacy



**Original Color**  
66156

**Protanomaly**  
5457

**Deuteranomaly**  
5707

**Tritanomaly**  
6207

# Monochromacy



**Original Color**  
66156

**Achromatopsia**  
921102

**Achromatomaly**  
592432

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 66156 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 #01026C looks like.

```
.text, #text, p{  
    color:#01026C  
}
```

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 #01026C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01026C
}
```

## Border

The CSS property to change the border of an element to Decimal 66156 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
#01026C }
```

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

```
.border{ border-color:#01026C }
```

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

Here you see how a box with a 4 pixel #01026C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01026C; -webkit-box-shadow:4px 4px  
4px 4px #01026C; box-shadow:4px 4px 4px  
4px #01026C }
```

# Background

The CSS property to change the background color of an element to Decimal 66156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01026C }
```

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

```
.background{ background-color:#01026C }
```

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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