

# Converting Colors

Decimal(606976)

Have a look what the booklet for  
Decimal(606976) contains.

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# Color

**Decimal(606976)**

# Conversions

## Conversions Part 1

Format	Color
Hex	094300
RGB	9, 67, 0
RGB Percent	4%, 26%, 0%
CMY	0.9647, 0.7373, 1.0000
CMYK	0.87, 0.00, 1.00, 0.74
HSL	112°, 100%, 13%
HSV	112°, 100%, 26%
XYZ	2.1198, 4.0724, 0.6743
YIQ	42.0200, -13.0610, -33.1330

# Conversions

## Conversions Part 2

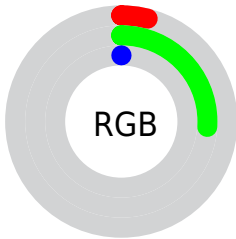
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 67, 58</a>
Decimal	<a href="#">606976</a>
CIELab	<a href="#">23.91, -31.28, 31.58</a>
CIELCh	<a href="#">24, 44.449, 134.730</a>
Yxy	<a href="#">4.0724, 0.3087, 0.5931</a>
Android (android.graphics.Color)	<a href="#">4278797056 (0xFF094300)</a>
YUV	<a href="#">42.0200, -20.7159, -28.9585</a>
Hunter-Lab	<a href="#">20.1802, -16.5648, 12.1449</a>

# Details

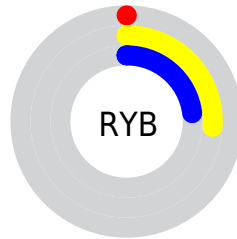
The Decimal color **606976** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3801155**, and the grayscale version is **2763306**.

A 20% lighter version of the original color is **4224048**, and **5632** is the 20% darker color. If you saturate the color by 10%, you get **606976**, and if you desaturate by 10%, it is **1000199**.

# Distribution



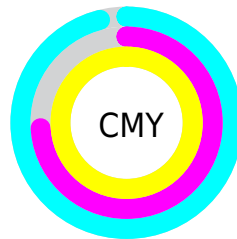
- Red (4%)
- Green (26%)
- Blue (0%)



- Red (0%)
- Yellow (26%)
- Blue (23%)



- Cyan (87%)
- Magenta (0%)
- Yellow (100%)
- Black (74%)



- Cyan (96%)
- Magenta (74%)
- Yellow (100%)

# Brightness & Saturation Gradients


These gradients show how the Decimal color 606976 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 606976 by changing the saturation by 10% instead.



 606976       606976


 16777191       11264

 4224048       5632

 5869128       0

 7579745

 9356410

 11133076

 12975535

 14876619

 606976

■ 1000199

■ 1393421

■ 1721108

■ 2114331

■ 2507554

■ 2900776

■ 3293999

■ 3621686

■ 4014908

# Harmonies

## Analogous

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



3685376



606976



17958

# Triad

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



606976



17018



7474730

# Complementary

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



606976



3801155

# 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.



7017035



606976



14458

# Square

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



606976



18024



5121897



6889481

# Rectangle

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



606976



18237



5121897



7473973



# Sweetspot

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



606976



4216637



4405504



1977116



11250603



2829099



# Same Dimension

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



606976



808704



17175



1974558



876800



2023424



# Inverse Universe

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



3801155



4915287



4390956



2170401



5505121

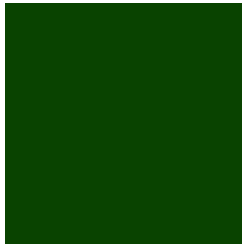


12714208



# Previews

## White Background



This preview shows how the Decimal color 606976 looks on a white background.

### Color Contrast Check

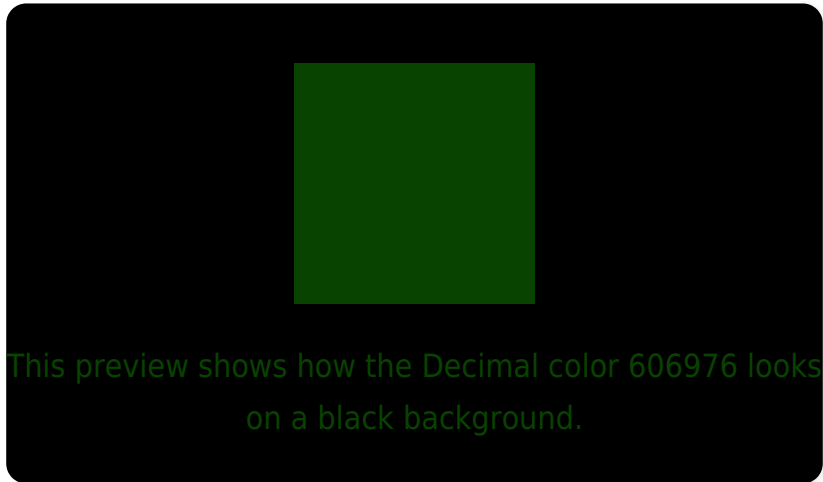
Large Text (above 18pt) WCAG AA ✓ Pass

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

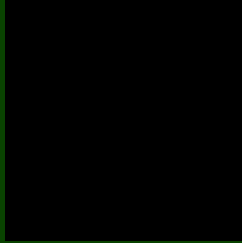
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 606976 Background



This preview shows how black text looks on a background with the Decimal color 606976.



This preview shows how white text looks on a background with the Decimal color 606976.

# 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](#).

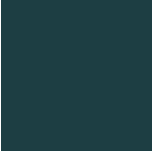
## Dichromacy



**Original Color**  
606976

**Protanopia**  
4274432

**Deuteranopia**  
4732430



**Tritanopia**  
1916483

# Trichromacy



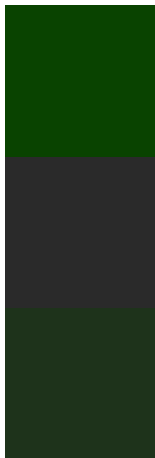
**Original Color**  
606976

**Protanomaly**  
2964736

**Deuteranomaly**  
3226377

**Tritanomaly**  
1458219

# Monochromacy



**Original Color**  
606976

**Achromatopsia**  
2763306

**Achromatomaly**  
1979163

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 606976 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 #094300 looks like.

```
.text, #text, p{  
    color:#094300  
}
```

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 #094300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #094300
}
```

## Border

The CSS property to change the border of an element to Decimal 606976 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
#094300 }
```

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

```
.border{ border-color:#094300 }
```

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

Here you see how a box with a 4 pixel #094300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #094300; -webkit-box-shadow:4px 4px  
4px 4px #094300; box-shadow:4px 4px 4px  
4px #094300 }
```

# Background

The CSS property to change the background color of an element to Decimal 606976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#094300 }
```

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

```
.background{ background-color:#094300 }
```

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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