

# Converting Colors

Decimal(5070096)

Have a look what the booklet for  
Decimal(5070096) contains.

<b>Decimal(5070096)</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(5070096)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D5D10
RGB	77, 93, 16
RGB Percent	30%, 36%, 6%
CMY	0.6980, 0.6353, 0.9373
CMYK	0.17, 0.00, 0.83, 0.64
HSL	72°, 71%, 21%
HSV	72°, 83%, 36%
XYZ	7.0684, 9.4439, 1.9405
YIQ	79.4380, 15.1810, -27.3390

# Conversions

## Conversions Part 2

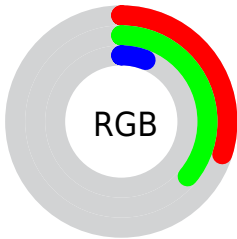
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 93, 32
Decimal	5070096
CIELab	36.83, -17.43, 38.84
CIElCh	37, 42.569, 114.172
Yxy	9.4439, 0.3831, 0.5118
Android (android.graphics.Color)	4283260176 (0xFF4D5D10)
YUV	79.4380, -31.2749, -2.1381
Hunter-Lab	30.7309, -12.7222, 17.7677

# Details

The Decimal color **5070096** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2101341**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **8425282**, and **1912576** is the 20% darker color. If you saturate the color by 10%, you get **4939015**, and if you desaturate by 10%, it is **5201177**.

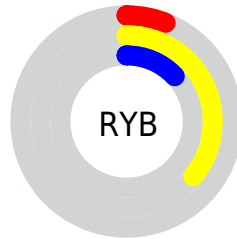
# Distribution



Red (30%)

Green (36%)

Blue (6%)



Red (6%)

Yellow (36%)

Blue (13%)

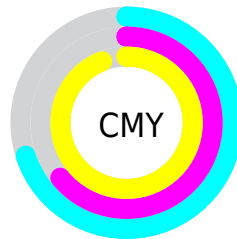


Cyan (17%)

Magenta (0%)

Yellow (83%)

Black (64%)



Cyan (70%)

Magenta (64%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5070096 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 5070096 by changing the saturation by 10% instead.





5070096



5070096

16777214



3491072



8425282



1912576



10201691



7168



12043636



0



13885838



15793833



16777157



16777185



5070096



5070096

■ 4939015

■ 5201177

■ 4873472

■ 5332259

■ 5463340

■ 5594421

■ 5725503

■ 5856584

■ 5987665

■ 6053210

■ 6184292

# Harmonies

## Analogous

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



7230217



5070096



1991468

# Triad

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



5070096



25742



9516639

# Complementary

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



5070096



2101341

# 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.



8012159



5070096



23963

# Square

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



5070096



26482



4870293



9713725

# Rectangle

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



5070096



26179



4870293



9124202



# Sweetspot

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



5070096



7501914



6102800



3751211



12434877



4013373



# Same Dimension

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



5070096



6256641



2579728



2960937



5729792



12381440



# Inverse Universe

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



2101341



1704312



4591709



2763054



1507438



3211501



# Previews

## White Background



This preview shows how the Decimal color 5070096 looks on a white background.

## Color Contrast Check

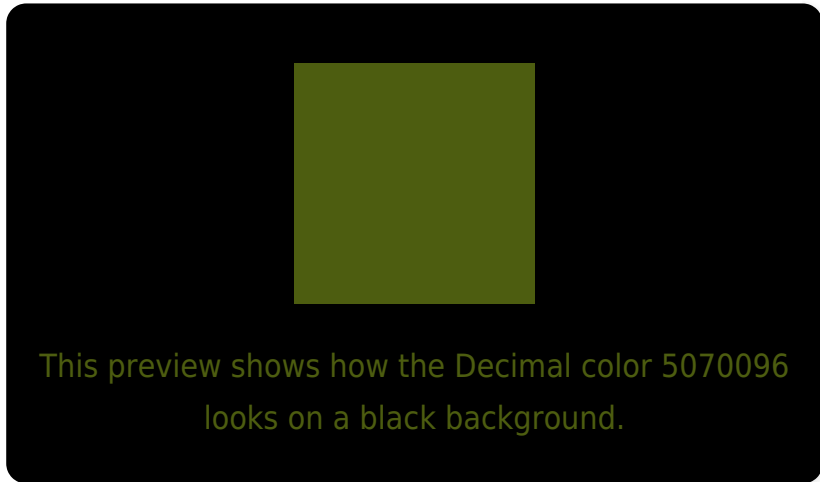
Large Text (above 18pt) WCAG AA ✓ Pass

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

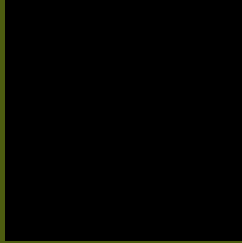
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5070096 Background



This preview shows how black text looks on a background with the Decimal color 5070096.



This preview shows how white text looks on a background with the Decimal color 5070096.

# 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**  
5070096

**Protanopia**  
6444814

**Deuteranopia**  
7164438



**Tritanopia**  
5527389

# Trichromacy



**Original Color**  
5070096

**Protanomaly**  
5921039

**Deuteranomaly**  
6379028

**Tritanomaly**  
5331265

# Monochromacy



**Original Color**  
5070096

**Achromatopsia**  
5197647

**Achromatomaly**  
5133368

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5070096 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 #4D5D10 looks like.

```
.text, #text, p{  
  color:#4D5D10  
}
```

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 #4D5D10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D5D10
}
```

## Border

The CSS property to change the border of an element to Decimal 5070096 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
#4D5D10 }
```

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

```
.border{ border-color:#4D5D10 }
```

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

Here you see how a box with a 4 pixel #4D5D10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D5D10; -webkit-box-shadow:4px 4px  
4px 4px #4D5D10; box-shadow:4px 4px 4px  
4px #4D5D10 }
```

# Background

The CSS property to change the background color of an element to Decimal 5070096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D5D10 }
```

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

```
.background{ background-color:#4D5D10 }
```

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