

# Converting Colors

Decimal(5087744)

Have a look what the booklet for  
Decimal(5087744) contains.

<b>Decimal(5087744)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(5087744)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4DA200
RGB	77, 162, 0
RGB Percent	30%, 64%, 0%
CMY	0.6980, 0.3647, 1.0000
CMYK	0.52, 0.00, 1.00, 0.36
HSL	91°, 100%, 32%
HSV	91°, 100%, 64%
XYZ	15.9809, 27.4184, 4.4500
YIQ	118.1170, 1.3420, -68.4020

# Conversions

## Conversions Part 2

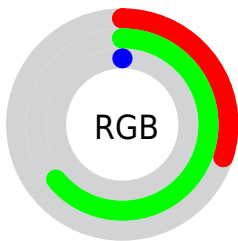
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 162, 85
Decimal	5087744
CIELab	59.36, -48.86, 61.04
CIELCh	59, 78.186, 128.675
Yxy	27.4184, 0.3340, 0.5730
Android (android.graphics.Color)	4283277824 (0xFF4DA200)
YUV	118.1170, -58.2317, -36.0596
Hunter-Lab	52.3626, -37.1570, 31.6151

# Details

The Decimal color **5087744** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5570722**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **8903240**, and **27904** is the 20% darker color. If you saturate the color by 10%, you get **5087744**, and if you desaturate by 10%, it is **5612048**.

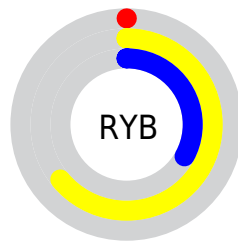
# Distribution



Red (30%)

Green (64%)

Blue (0%)



Red (0%)

Yellow (64%)

Blue (33%)

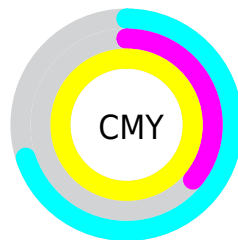


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (70%)

Magenta (36%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5087744 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 5087744 by changing the saturation by 10% instead.



 5087744

 5087744

16777215

 3049216

 8903240

 27904

 10810980

 21504

 12713856

 15360

 14614427

 9728

 16580536

 0

 16777172


 16777202

 5087744

 5612048

 6201888

 6726193

 7316033

 7840337

 8430177

 9020017

 9544322

 10134162

# Harmonies

## Analogous

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



10129920



5087744



43610

# Triad

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



5087744



42239



16727166

# Complementary

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



5087744



5570722

# Split Complementary

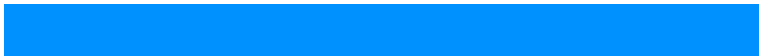
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15617474



5087744



37375

# Square

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



5087744



44260



11039483



16406076

# Rectangle

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



5087744



44426



11039483



16727189



# Sweetspot

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



5087744



11719828



10638336



5729093



15461355



7039851



# Same Dimension

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



5087744



6673408



41475



5067337



4559104



528896



# Inverse Universe

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



5570722



7274708



10616991



5130578



4980881



589842



# Previews

## White Background



This preview shows how the Decimal color 5087744 looks on a white background.

## Color Contrast Check

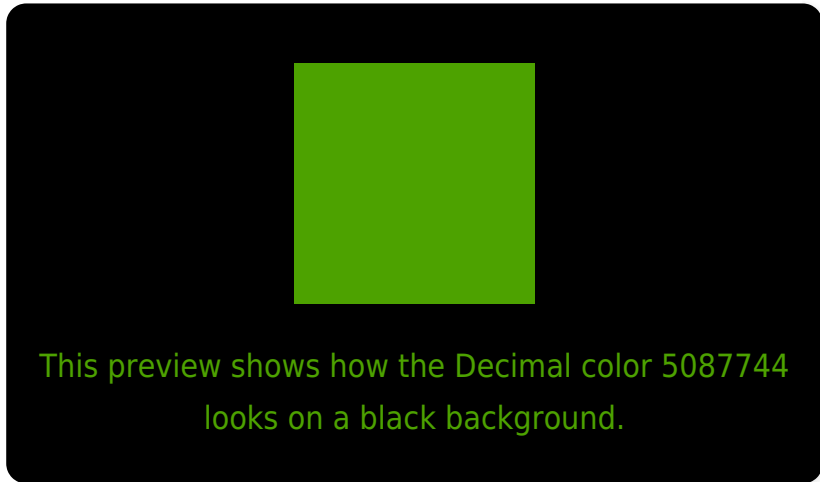
Large Text (above 18pt) WCAG AA ✓ Pass

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 5087744 Background



This preview shows how black text looks on a background with the Decimal color 5087744.



This preview shows how white text looks on a background with the Decimal color 5087744.

# 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**  
5087744

**Protanopia**  
10522112

**Deuteranopia**  
11765537



# Trichromacy



**Original Color**  
5087744

**Protanomaly**  
8557824

**Deuteranomaly**  
9343253

**Tritanomaly**  
6069096

# Monochromacy



**Original Color**  
5087744

**Achromatopsia**  
7763574

**Achromatomaly**  
6784587

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5087744 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 #4DA200 looks like.

```
.text, #text, p{  
    color:#4DA200  
}
```

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 #4DA200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DA200
}
```

## Border

The CSS property to change the border of an element to Decimal 5087744 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
#4DA200 }
```

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

```
.border{ border-color:#4DA200 }
```

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

Here you see how a box with a 4 pixel #4DA200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DA200; -webkit-box-shadow:4px 4px  
4px 4px #4DA200; box-shadow:4px 4px 4px  
4px #4DA200 }
```

# Background

The CSS property to change the background color of an element to Decimal 5087744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DA200 }
```

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

```
.background{ background-color:#4DA200 }
```

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