

# Converting Colors

Decimal(5087332)

Have a look what the booklet for  
Decimal(5087332) contains.

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# Color

**Decimal(5087332)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DA064
RGB	77, 160, 100
RGB Percent	30%, 63%, 39%
CMY	0.6980, 0.3725, 0.6078
CMYK	0.52, 0.00, 0.38, 0.37
HSL	137°, 35%, 46%
HSV	137°, 52%, 63%
XYZ	17.9316, 27.6395, 16.4465
YIQ	128.3430, -30.2080, -36.2560

# Conversions

## Conversions Part 2

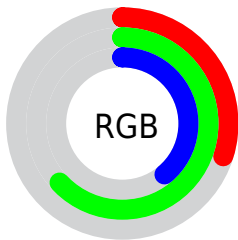
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 142, 160
Decimal	5087332
CIELab	59.56, -38.93, 23.77
CIELCh	60, 45.610, 148.596
Yxy	27.6395, 0.2891, 0.4457
Android (android.graphics.Color)	4283277412 (0xFF4DA064)
YUV	128.3430, -13.9731, -45.0278
Hunter-Lab	52.5733, -31.1207, 18.2537

# Details

The Decimal color **5087332** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10505609**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **8640407**, and **945204** is the 20% darker color. If you saturate the color by 10%, you get **4038744**, and if you desaturate by 10%, it is **6135920**.

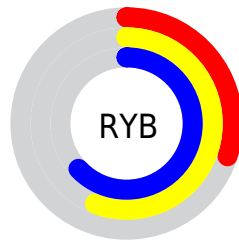
# Distribution



Red (30%)

Green (63%)

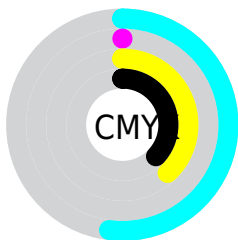
Blue (39%)



Red (30%)

Yellow (56%)

Blue (63%)

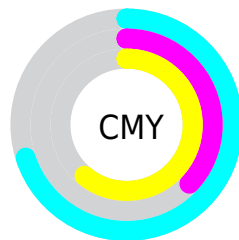


Cyan (52%)

Magenta (0%)

Yellow (38%)

Black (37%)



Cyan (70%)

Magenta (37%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5087332 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 5087332 by changing the saturation by 10% instead.





5087332



5087332

16777215



3245388



8640407



945204



10482866



21278



12320718



15111



14221290



9728



16121855



0



5087332



5087332



4038744



6135920



2990157



7184507

■ 1941569

■ 8233095

■ 892982

■ 9281682

■ 41004

■ 10330270

■ 11378857

■ 12427445

■ 13476033

■ 14524620

# Harmonies

## Analogous

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



8427590



5087332



41868

# Triad

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



5087332



4101343



14250347

# Complementary

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



5087332



10505609

# 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.



14118291



5087332



9406166

# Square

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



5087332



40659



12547770



13139532

# Rectangle

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



5087332



42152



12547770



14380664



# Sweetspot

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



5087332



11588025



9085005



5597530



15263976



6908265



# Same Dimension

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



5087332



5230963



5087373



4673353



36648



3844



# Inverse Universe

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



10505609



13717421



10505568



5195597



9371751



983051



# Previews

## White Background



This preview shows how the Decimal color 5087332 looks on a white background.

## Color Contrast Check

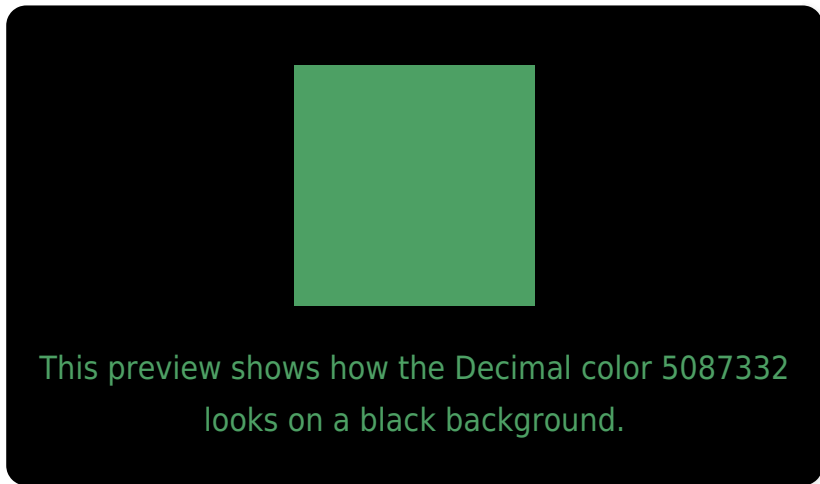
Large Text (above 18pt) WCAG AA ✓ Pass

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 5087332 Background



This preview shows how black text looks on a background with the Decimal color 5087332.

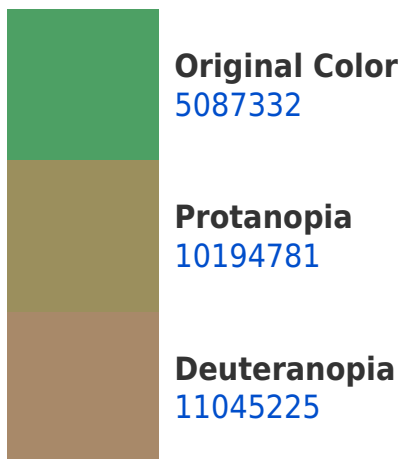



This preview shows how white text looks on a background with the Decimal color 5087332.

# 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





**Tritanopia**  
6133924

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5087332 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 #4DA064 looks like.

```
.text, #text, p{  
    color:#4DA064  
}
```

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 #4DA064 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DA064
}
```

## Border

The CSS property to change the border of an element to Decimal 5087332 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
#4DA064 }
```

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

```
.border{ border-color:#4DA064 }
```

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

Here you see how a box with a 4 pixel #4DA064 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DA064; -webkit-box-shadow:4px 4px  
4px 4px #4DA064; box-shadow:4px 4px 4px  
4px #4DA064 }
```

# Background

The CSS property to change the background color of an element to Decimal 5087332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DA064 }
```

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

```
.background{ background-color:#4DA064 }
```

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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