

# Converting Colors

Decimal(5227366)

Have a look what the booklet for  
Decimal(5227366) contains.

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# **Color**

**Decimal(5227366)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FC366
RGB	79, 195, 102
RGB Percent	31%, 76%, 40%
CMY	0.6902, 0.2353, 0.6000
CMYK	0.59, 0.00, 0.48, 0.24
HSL	132°, 49%, 54%
HSV	132°, 59%, 76%
XYZ	25.1378, 41.6518, 19.2851
YIQ	149.7140, -39.2830, -53.5150

# Conversions

## Conversions Part 2

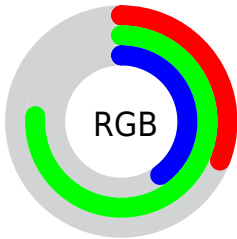
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">79, 176, 195</a>
Decimal	<a href="#">5227366</a>
CIELab	<a href="#">70.63, -52.46, 37.04</a>
CIElCh	<a href="#">71, 64.220, 144.772</a>
Yxy	<a href="#">41.6518, 0.2920, 0.4839</a>
Android (android.graphics.Color)	<a href="#">4283417446 (0xFF4FC366)</a>
YUV	<a href="#">149.7140, -23.5230, -62.0162</a>
Hunter-Lab	<a href="#">64.5382, -43.4155, 27.4599</a>

# Details

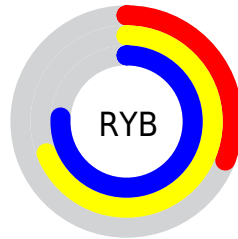
The Decimal color **5227366** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **12799916**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **9108634**, and **35892** is the 20% darker color. If you saturate the color by 10%, you get **3982166**, and if you desaturate by 10%, it is **6472566**.

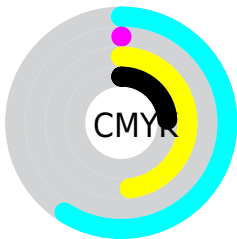
# Distribution



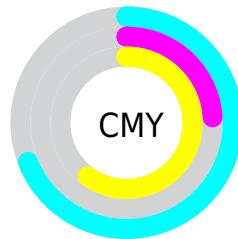
- Red (31%)
- Green (76%)
- Blue (40%)



- Red (31%)
- Yellow (69%)
- Blue (76%)



- Cyan (59%)
- Magenta (0%)
- Yellow (48%)
- Black (24%)



- Cyan (69%)
- Magenta (24%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5227366 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 5227366 by changing the saturation by 10% instead.



 5227366

 5227366

16777215

 3057485

 9108634

 35892

 11009974

 29211

 12910546

 22528

 14876654

 16128

 10752

 1024

 0

 5227366

 5227366

■ 3982166

■ 6472566

■ 2671431

■ 7783301

■ 1360695

■ 9028501

■ 115495

■ 10339237

■ 49959

■ 11649972

■ 12895172

■ 14205907

■ 15451107

■ 16761843

# Harmonies

## Analogous

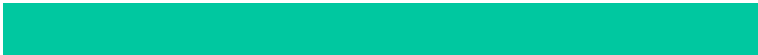
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10270777



5227366



51360

# Triad

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



5227366



46847



16743295

# Complementary

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



5227366



12799916

# 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.



16742330



5227366



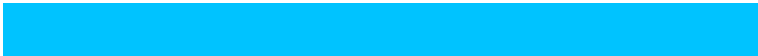
10265343

# Square

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



5227366



50175



15370737



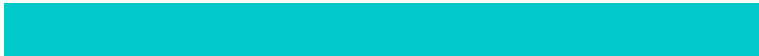
16748622

# Rectangle

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



5227366



51657



15370737



16742290

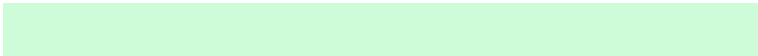


# Sweetspot

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



5227366



13630680



11453263



6520937



0



8421504



# Same Dimension

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



5227366



4848749



5227422



5726553



41248



8455



# Inverse Universe

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



12799916



16533977



12799860



6379359



10551425



2162715



# Previews

## White Background



This preview shows how the Decimal color 5227366 looks on a white background.

## Color Contrast Check

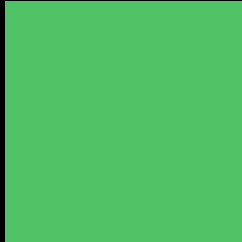
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 5227366 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

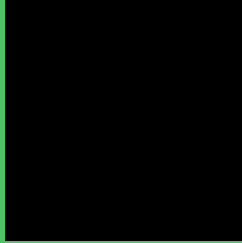
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5227366 Background



This preview shows how black text looks on a background with the Decimal color 5227366.

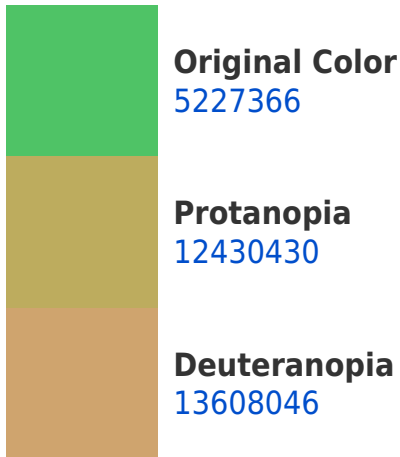


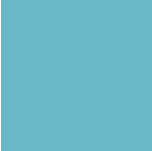
This preview shows how white text looks on a background with the Decimal color 5227366.

# 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**  
6928583

# Trichromacy



**Original Color**

5227366



**Protanomaly**

9811041



**Deuteranomaly**

10530667



**Tritanomaly**

6339748

# Monochromacy



**Original Color**

5227366



**Achromatopsia**

9868950



**Achromatomaly**

8169093

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5227366 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 #4FC366 looks like.

```
.text, #text, p{  
    color:#4FC366  
}
```

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 #4FC366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FC366
}
```

## Border

The CSS property to change the border of an element to Decimal 5227366 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
#4FC366 }
```

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

```
.border{ border-color:#4FC366 }
```

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

Here you see how a box with a 4 pixel #4FC366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FC366; -webkit-box-shadow:4px 4px  
4px 4px #4FC366; box-shadow:4px 4px 4px  
4px #4FC366 }
```

# Background

The CSS property to change the background color of an element to Decimal 5227366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FC366 }
```

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

```
.background{ background-color:#4FC366 }
```

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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