

# Converting Colors

Decimal(7066431)

Have a look what the booklet for  
Decimal(7066431) contains.

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# **Color**

**Decimal(7066431)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BD33F
RGB	107, 211, 63
RGB Percent	42%, 83%, 25%
CMY	0.5804, 0.1725, 0.7529
CMYK	0.49, 0.00, 0.70, 0.17
HSL	102°, 63%, 54%
HSV	102°, 70%, 83%
XYZ	30.2549, 50.0732, 12.7731
YIQ	163.0320, -14.4760, -68.0760

# Conversions

## Conversions Part 2

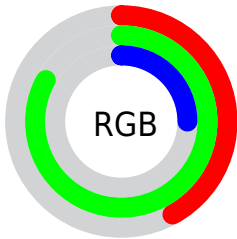
Format	Color
<a href="#">RYB</a>	<a href="#">63, 211, 167</a>
Decimal	<a href="#">7066431</a>
CIELab	<a href="#">76.11, -55.65, 60.91</a>
CIElCh	<a href="#">76, 82.505, 132.415</a>
Yxy	<a href="#">50.0732, 0.3250, 0.5378</a>
Android (android.graphics.Color)	<a href="#">4285256511 (0xFF6BD33F)</a>
YUV	<a href="#">163.0320, -49.3158, -49.1401</a>
Hunter-Lab	<a href="#">70.7624, -47.5156, 38.8314</a>

# Details

The Decimal color **7066431** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **10960851**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **10944374**, and **2792192** is the 20% darker color. If you saturate the color by 10%, you get **6083370**, and if you desaturate by 10%, it is **8049492**.

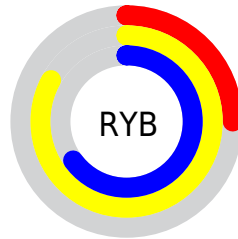
# Distribution



Red (42%)

Green (83%)

Blue (25%)



Red (25%)

Yellow (83%)

Blue (65%)

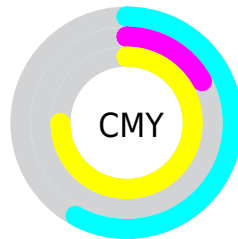


Cyan (49%)

Magenta (0%)

Yellow (70%)

Black (17%)



Cyan (58%)

Magenta (17%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7066431 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 7066431 by changing the saturation by 10% instead.





7066431



7066431

16777215



5027616



10944374



2792192



12910482



33024



14811054



26368



16777163



19712



16777192



13824



7680



0



7066431



7066431

■ 6083370

■ 8049492

■ 5100309

■ 9032553

■ 4182784

■ 9950078

■ 10933139

■ 11916201

■ 12899262

■ 13882323

■ 14865384

■ 15782909

# Harmonies

## Analogous

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



12763648



7066431



56459

# Triad

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



7066431



53759



16739743

# Complementary

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



7066431



10960851

# 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.



16742124



7066431



4504319

# Square

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



7066431



56575



15177983



16746072

# Rectangle

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



7066431



57024



15177983



16739257

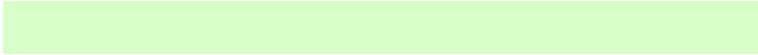


# Sweetspot

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



7066431



14286793



13870911



6914144



0



8421504



# Same Dimension

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



7066431



6881065



4182877



6383966



3319808



796928



# Inverse Universe

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



10960851



12528127



13844405



6643305



7733416



1900585



# Previews

## White Background



This preview shows how the Decimal color 7066431 looks on a white background.

## Color Contrast Check

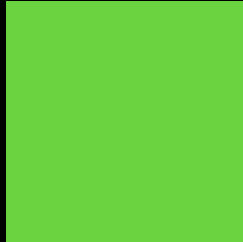
Large Text (above 18pt) WCAG AA × Fail

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 7066431 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 7066431 Background



This preview shows how black text looks on a background with the Decimal color 7066431.

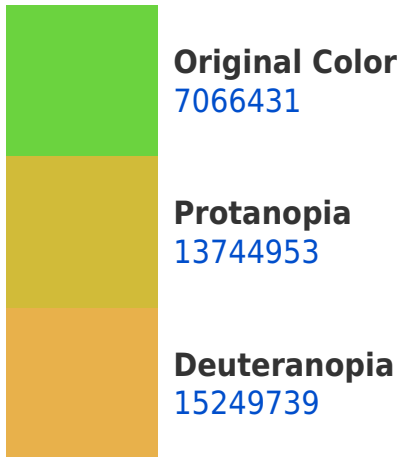


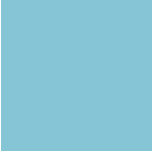
This preview shows how white text looks on a background with the Decimal color 7066431.

# 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**  
8766933

# Trichromacy



**Original Color**

7066431



**Protanomaly**

11322427



**Deuteranomaly**

12303687



**Tritanomaly**

8178334

# Monochromacy



**Original Color**

7066431



**Achromatopsia**

10724259



**Achromatomaly**

9417855

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7066431 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 #6BD33F looks like.

```
.text, #text, p{  
    color:#6BD33F  
}
```

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 #6BD33F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BD33F
}
```

## Border

The CSS property to change the border of an element to Decimal 7066431 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
#6BD33F }
```

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

```
.border{ border-color:#6BD33F }
```

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

Here you see how a box with a 4 pixel #6BD33F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BD33F; -webkit-box-shadow:4px 4px  
4px 4px #6BD33F; box-shadow:4px 4px 4px  
4px #6BD33F }
```

# Background

The CSS property to change the background color of an element to Decimal 7066431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BD33F }
```

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

```
.background{ background-color:#6BD33F }
```

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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