

# Converting Colors

Decimal(6281571)

Have a look what the booklet for  
Decimal(6281571) contains.

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# **Color**

**Decimal(6281571)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FD963
RGB	95, 217, 99
RGB Percent	37%, 85%, 39%
CMY	0.6275, 0.1490, 0.6118
CMYK	0.56, 0.00, 0.54, 0.15
HSL	122°, 62%, 61%
HSV	122°, 56%, 85%
XYZ	31.7843, 52.9595, 20.3514
YIQ	167.0700, -34.8340, -62.5620

# Conversions

## Conversions Part 2

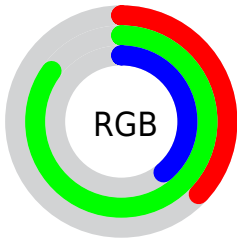
Format	Color
<a href="#">RYB</a>	<a href="#">95, 213, 217</a>
Decimal	<a href="#">6281571</a>
CIELab	<a href="#">77.85, -57.48, 47.46</a>
CIELCh	<a href="#">78, 74.540, 140.453</a>
Yxy	<a href="#">52.9595, 0.3024, 0.5039</a>
Android (android.graphics.Color)	<a href="#">4284471651 (0xFF5FD963)</a>
YUV	<a href="#">167.0700, -33.5585, -63.2054</a>
Hunter-Lab	<a href="#">72.7732, -49.3919, 34.3606</a>

# Details

The Decimal color **6281571** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **14245845**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **10223512**, and **1220911** is the 20% darker color. If you saturate the color by 10%, you get **4839758**, and if you desaturate by 10%, it is **7723384**.

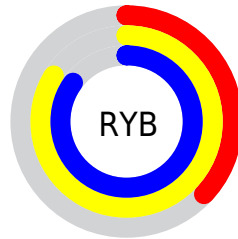
# Distribution



Red (37%)

Green (85%)

Blue (39%)



Red (37%)

Yellow (84%)

Blue (85%)

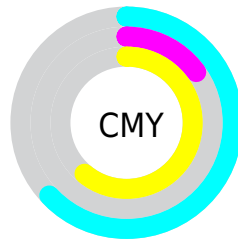


Cyan (56%)

Magenta (0%)

Yellow (54%)

Black (15%)



Cyan (63%)

Magenta (15%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6281571 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 6281571 by changing the saturation by 10% instead.



 6281571

 6281571

16777215

 4177225

 10223512

 1220911

 12124084

 34321

 14090192

 27648

 16056301

 20992

 14848

 8704

 0

 6281571

 6281571

■ 4839758

■ 7723384

■ 3463481

■ 9099661

■ 2021668

■ 10541474

■ 579855

■ 11983287

■ 55559

■ 13359564

■ 14801377

■ 16243190

■ 16767487

# Harmonies

## Analogous

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



11979566



6281571



57511

# Triad

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



6281571



53247



16744852

# Complementary

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



6281571



14245845

# 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.



16744922



6281571



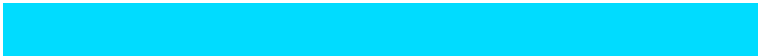
9943039

# Square

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



6281571



56575



16685567



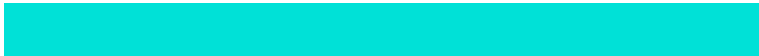
16750935

# Rectangle

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



6281571



57815



16685567



16744107

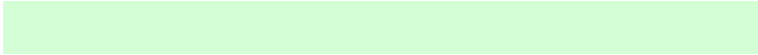


# Sweetspot

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



6281571



13959125



14145887



6717543



0



8421504



# Same Dimension

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



6281571



5570394



6281630



6516323



44294



11778



# Inverse Universe

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



14245845



16733433



14245786



7234413



11337896

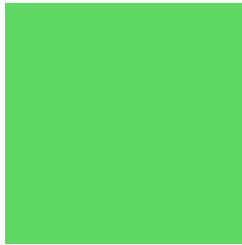


3014700



# Previews

## White Background



This preview shows how the Decimal color 6281571 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 6281571 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

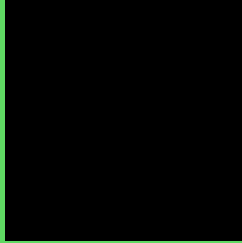
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6281571 Background



This preview shows how black text looks on a background with the Decimal color 6281571.

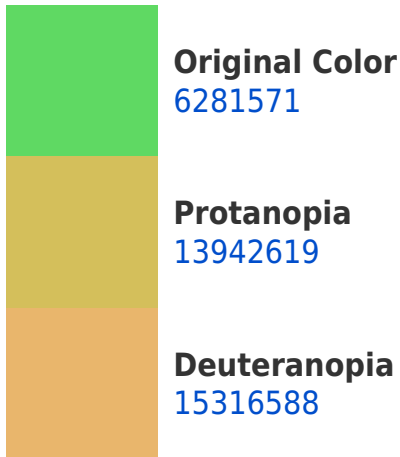


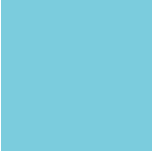
This preview shows how white text looks on a background with the Decimal color 6281571.

# 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**  
8113373

# Trichromacy



**Original Color**

6281571



**Protanomaly**

11126878



**Deuteranomaly**

12043113



**Tritanomaly**

7459249

# Monochromacy



**Original Color**

6281571



**Achromatopsia**

10987431



**Achromatomaly**

9288078

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6281571 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 #5FD963 looks like.

```
.text, #text, p{  
    color:#5FD963  
}
```

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 #5FD963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FD963  
}
```

## Border

The CSS property to change the border of an element to Decimal 6281571 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  
#5FD963 }
```

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

```
.border{ border-color:#5FD963 }
```

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

Here you see how a box with a 4 pixel #5FD963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FD963; -webkit-box-shadow:4px 4px  
4px 4px #5FD963; box-shadow:4px 4px 4px  
4px #5FD963 }
```

# Background

The CSS property to change the background color of an element to Decimal 6281571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FD963 }
```

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

```
.background{ background-color:#5FD963 }
```

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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