

# Converting Colors

Decimal(6415756)

Have a look what the booklet for  
Decimal(6415756) contains.

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# **Color**

**Decimal(6415756)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61E58C
RGB	97, 229, 140
RGB Percent	38%, 90%, 55%
CMY	0.6196, 0.1020, 0.4510
CMYK	0.58, 0.00, 0.39, 0.10
HSL	140°, 72%, 64%
HSV	140°, 58%, 90%
XYZ	37.6827, 60.4735, 34.4974
YIQ	179.3860, -50.1030, -55.6630

# Conversions

## Conversions Part 2

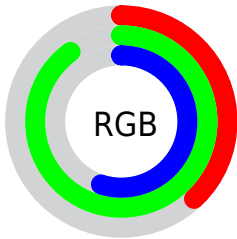
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 197, 229
Decimal	6415756
CIELab	82.09, -55.51, 32.78
CIELCh	82, 64.467, 149.433
Yxy	60.4735, 0.2841, 0.4559
Android (android.graphics.Color)	4284605836 (0xFF61E58C)
YUV	179.3860, -19.4173, -72.2525
Hunter-Lab	77.7647, -49.5918, 28.1335

# Details

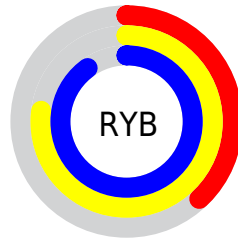
The Decimal color **6415756** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **15032762**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **10354626**, and **1289305** is the 20% darker color. If you saturate the color by 10%, you get **4908413**, and if you desaturate by 10%, it is **7923099**.

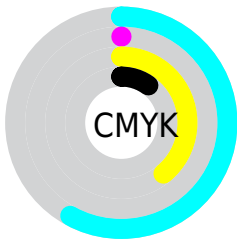
# Distribution



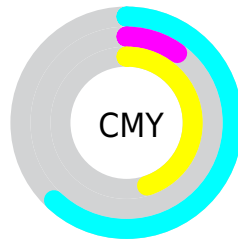
- Red (38%)
- Green (90%)
- Blue (55%)



- Red (38%)
- Yellow (77%)
- Blue (90%)



- Cyan (58%)
- Magenta (0%)
- Yellow (39%)
- Black (10%)



- Cyan (62%)
- Magenta (10%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6415756 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 6415756 by changing the saturation by 10% instead.



6415756

6415756

16777215

4245618

10354626

1289305

12320734

37184

14286843

30248

16252927

23824

17408

11520

3584

0

■ 6415756

■ 6415756

■ 4908413

■ 7923099

■ 3401069

■ 9430443

■ 1893726

■ 10937786

■ 386382

■ 12445130

■ 58699

■ 13952473

■ 15394281

■ 16770552

■ 16770559

# Harmonies

## Analogous

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



11721309



6415756



60105

# Triad

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



6415756



4576255



16752020

# Complementary

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



6415756



15032762

# 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.



16750544



6415756



13483519

# Square

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



6415756



58111



16754175



16757348

# Rectangle

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



6415756



60147



16754175



16751015

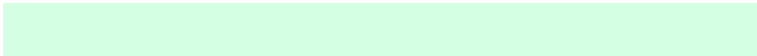


# Sweetspot

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



6415756



13959138



12313953



6717550



0



8421504



# Same Dimension

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



6415756



5242760



6415821



6779755



45882



13073



# Inverse Universe

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



15032762



16732102



15032697



7563119



11731064

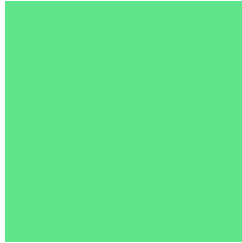


3342370



# Previews

## White Background



This preview shows how the Decimal color 6415756 looks on a white background.

## Color Contrast Check

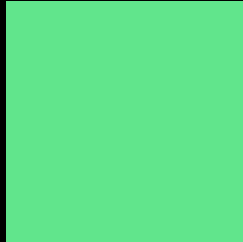
Large Text (above 18pt) WCAG AA × Fail

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 6415756 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

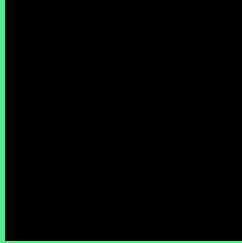
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6415756 Background



This preview shows how black text looks on a background with the Decimal color 6415756.



This preview shows how white text looks on a background with the Decimal color 6415756.

# 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**  
8182507

# Trichromacy



**Original Color**  
6415756



**Protanomaly**  
11588741



**Deuteranomaly**  
12373905



**Tritanomaly**  
7528136

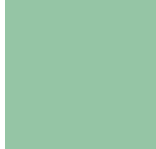
# Monochromacy



**Original Color**  
6415756



**Achromatopsia**  
11776947



**Achromatomaly**  
9815461

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6415756 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 #61E58C looks like.

```
.text, #text, p{  
    color:#61E58C  
}
```

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 #61E58C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61E58C
}
```

## Border

The CSS property to change the border of an element to Decimal 6415756 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
#61E58C }
```

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

```
.border{ border-color:#61E58C }
```

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

Here you see how a box with a 4 pixel #61E58C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61E58C; -webkit-box-shadow:4px 4px  
4px 4px #61E58C; box-shadow:4px 4px 4px  
4px #61E58C }
```

# Background

The CSS property to change the background color of an element to Decimal 6415756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61E58C }
```

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

```
.background{ background-color:#61E58C }
```

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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