

# Converting Colors

Decimal(6214783)

Have a look what the booklet for  
Decimal(6214783) contains.

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# **Color**

**Decimal(6214783)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5ED47F
RGB	94, 212, 127
RGB Percent	37%, 83%, 50%
CMY	0.6314, 0.1686, 0.5020
CMYK	0.56, 0.00, 0.40, 0.17
HSL	137°, 58%, 60%
HSV	137°, 56%, 83%
XYZ	31.9903, 50.9990, 28.2364
YIQ	167.0280, -43.0430, -51.4510

# Conversions

## Conversions Part 2

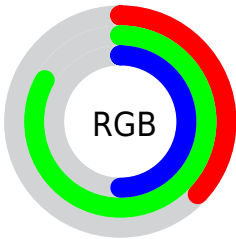
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 186, 212
Decimal	6214783
CIELab	76.68, -51.68, 32.25
CIELCh	77, 60.913, 148.032
Yxy	50.9990, 0.2876, 0.4585
Android (android.graphics.Color)	4284404863 (0xFF5ED47F)
YUV	167.0280, -19.7338, -64.0456
Hunter-Lab	71.4136, -45.0130, 26.5467

# Details

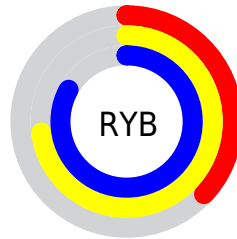
The Decimal color **6214783** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **13917875**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **10092469**, and **1547341** is the 20% darker color. If you saturate the color by 10%, you get **4838512**, and if you desaturate by 10%, it is **7591054**.

# Distribution



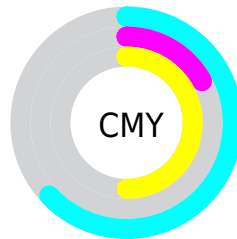
- Red (37%)
- Green (83%)
- Blue (50%)



- Red (37%)
- Yellow (73%)
- Blue (83%)



- Cyan (56%)
- Magenta (0%)
- Yellow (40%)
- Black (17%)



- Cyan (63%)
- Magenta (17%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6214783 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 6214783 by changing the saturation by 10% instead.



 6214783

 6214783

16777215

 4175973

 10092469

 1547341

 11993040

 33332

 13893613

 26653

 15859711

 19971

 13824

 7936

 0

 6214783

 6214783

■ 4838512

■ 7591054

■ 3462240

■ 8967326

■ 2020433

■ 10409133

■ 644162

■ 11785404

■ 54331

■ 13161675

■ 14537947

■ 15914218

■ 16766201

■ 16766207

# Harmonies

## Analogous

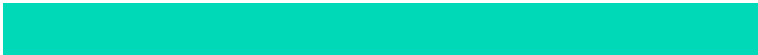
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11061844



6214783



55736

# Triad

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



6214783



3392767



16748939

# Complementary

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



6214783



13917875

# 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.



16747715



6214783



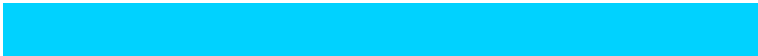
12235007

# Square

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



6214783



54015



16751098



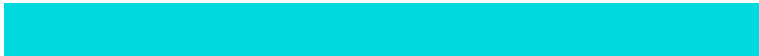
16753758

# Rectangle

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



6214783



55774



16751098



16747933

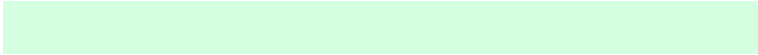


# Sweetspot

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



6214783



13959136



11916382



6717549



0



8421504



# Same Dimension

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



6214783



5570436



6214840



6318947



43824



11020



# Inverse Universe

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



13917875



16733391



13917818



7037032



11206779



2818079



# Previews

## White Background



This preview shows how the Decimal color 6214783 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 6214783 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 6214783 Background



This preview shows how black text looks on a background with the Decimal color 6214783.

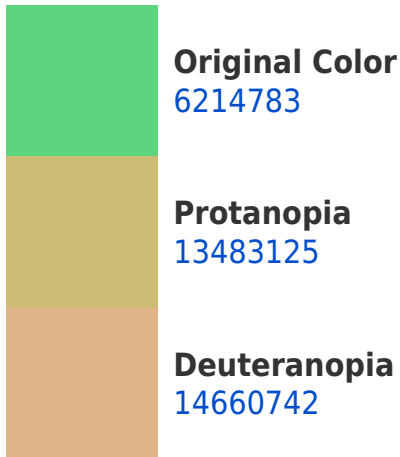


This preview shows how white text looks on a background with the Decimal color 6214783.

# 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**  
7784922

# Trichromacy



**Original Color**

6214783



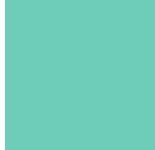
**Protanomaly**

10863993



**Deuteranomaly**

11583619



**Tritanomaly**

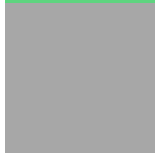
7196089

# Monochromacy



**Original Color**

6214783



**Achromatopsia**

10987431



**Achromatomaly**

9222040

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6214783 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 #5ED47F looks like.

```
.text, #text, p{  
    color:#5ED47F  
}
```

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 #5ED47F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ED47F
}
```

## Border

The CSS property to change the border of an element to Decimal 6214783 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
#5ED47F }
```

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

```
.border{ border-color:#5ED47F }
```

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

Here you see how a box with a 4 pixel #5ED47F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ED47F; -webkit-box-shadow:4px 4px  
4px 4px #5ED47F; box-shadow:4px 4px 4px  
4px #5ED47F }
```

# Background

The CSS property to change the background color of an element to Decimal 6214783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ED47F }
```

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

```
.background{ background-color:#5ED47F }
```

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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