

# Converting Colors

Decimal(6214867)

Have a look what the booklet for  
Decimal(6214867) contains.

<b>Decimal(6214867)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(6214867)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5ED4D3
RGB	94, 212, 211
RGB Percent	37%, 83%, 83%
CMY	0.6314, 0.1686, 0.1725
CMYK	0.56, 0.00, 0.00, 0.17
HSL	179°, 58%, 60%
HSV	179°, 56%, 83%
XYZ	39.9174, 54.1698, 69.9800
YIQ	176.6040, -70.0070, -25.3270

# Conversions

## Conversions Part 2

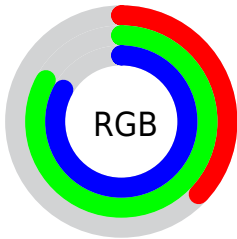
Format	Color
R <sub>Y</sub> B	94, 153, 212
Decimal	6214867
CIE Lab	78.56, -33.15, -9.56
CIE LCh	79, 34.504, 196.089
Yxy	54.1698, 0.2433, 0.3302
Android (android.graphics.Color)	4284404947 (0xFF5ED4D3)
YUV	176.6040, 16.9572, -72.4437
Hunter-Lab	73.6001, -31.9898, -4.8536

# Details

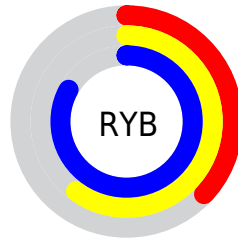
The Decimal color **6214867** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **13917791**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **10158079**, and **695709** is the 20% darker color. If you saturate the color by 10%, you get **4838611**, and if you desaturate by 10%, it is **7591123**.

# Distribution



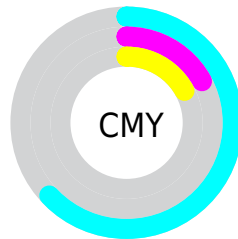
- Red (37%)
- Green (83%)
- Blue (83%)



- Red (37%)
- Yellow (60%)
- Blue (83%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6214867 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 6214867 by changing the saturation by 10% instead.



6214867

6214867

16777215

4044983

10158079

695709

12124159

33411

14090239

26985

16056319

20561

14394

9253

272

0

■ 6214867

■ 6214867

■ 4838611

■ 7591123

■ 3462355

■ 8967379

■ 2020562

■ 10409172

■ 644306

■ 11785428

■ 54482

■ 13161684

■ 14537940

■ 15914196

■ 16766164

■ 16766165

# Harmonies

## Analogous

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



8246194



6214867



6148592

# Triad

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



6214867



14464239



15121285

# Complementary

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



6214867



13917791

# 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.



16494998



6214867



16297171

# Square

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



6214867



11714559



16755634



13092484

# Rectangle

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



6214867



7589372



16755634



15710345



# Sweetspot

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



6214867



13959167



6345822



6717567



0



8421504



# Same Dimension

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



6214867



5570558



6200276



6318955



43945



11051



# Inverse Universe

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



13917791



16733270



13932382



7037024



11206657

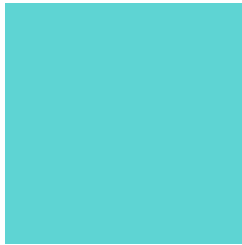


2818048



# Previews

## White Background



This preview shows how the Decimal color 6214867 looks on a white background.

## Color Contrast Check

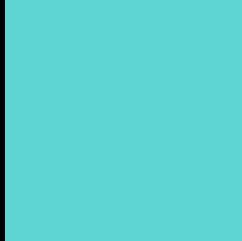
Large Text (above 18pt) WCAG AA × Fail

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 6214867 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

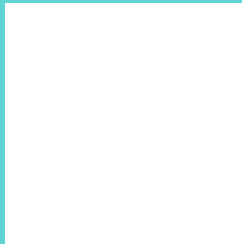
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6214867 Background



This preview shows how black text looks on a background with the Decimal color 6214867.

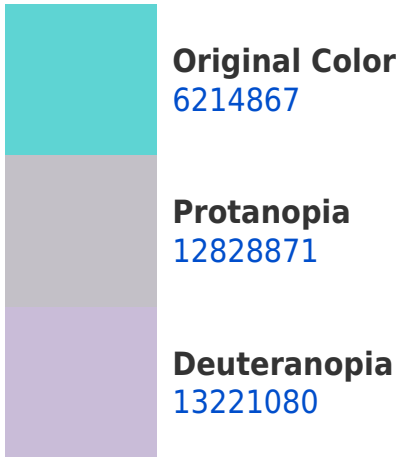


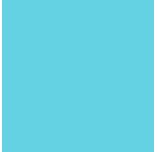
This preview shows how white text looks on a background with the Decimal color 6214867.

# 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](#).

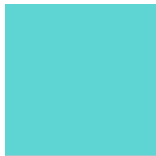
## Dichromacy





**Tritanopia**  
6607587

# Trichromacy



**Original Color**  
6214867



**Protanomaly**  
10405835



**Deuteranomaly**  
10667478

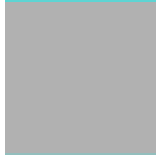


**Tritanomaly**  
6476765

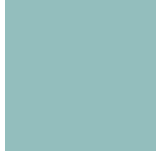
# Monochromacy



**Original Color**  
6214867



**Achromatopsia**  
11645361



**Achromatomaly**  
9682621

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6214867 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 #5ED4D3 looks like.

```
.text, #text, p{  
    color:#5ED4D3  
}
```

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 #5ED4D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ED4D3
}
```

## Border

The CSS property to change the border of an element to Decimal 6214867 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
#5ED4D3 }
```

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

```
.border{ border-color:#5ED4D3 }
```

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

Here you see how a box with a 4 pixel #5ED4D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ED4D3; -webkit-box-shadow:4px 4px  
4px 4px #5ED4D3; box-shadow:4px 4px 4px  
4px #5ED4D3 }
```

# Background

The CSS property to change the background color of an element to Decimal 6214867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ED4D3 }
```

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

```
.background{ background-color:#5ED4D3 }
```

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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