

# Converting Colors

Decimal(6213060)

Have a look what the booklet for  
Decimal(6213060) contains.

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# **Color**

**Decimal(6213060)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5ECDC4
RGB	94, 205, 196
RGB Percent	37%, 80%, 77%
CMY	0.6314, 0.1961, 0.2314
CMYK	0.54, 0.00, 0.04, 0.20
HSL	175°, 53%, 59%
HSV	175°, 54%, 80%
XYZ	36.4112, 50.0278, 59.9618
YIQ	170.7850, -63.2670, -26.3310

# Conversions

## Conversions Part 2

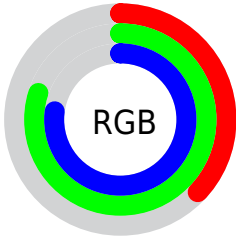
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 152, 205
Decimal	6213060
CIELab	76.09, -33.79, -5.16
CIElCh	76, 34.181, 188.690
Yxy	50.0278, 0.2487, 0.3417
Android (android.graphics.Color)	4284403140 (0xFF5E4DC4)
YUV	170.7850, 12.4310, -67.3404
Hunter-Lab	70.7304, -31.8883, -0.7520

# Details

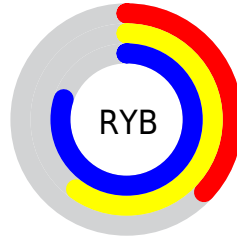
The Decimal color **6213060** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **13459047**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **10092541**, and **1349262** is the 20% darker color. If you saturate the color by 10%, you get **4836802**, and if you desaturate by 10%, it is **7589318**.

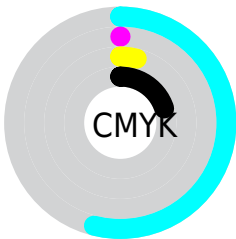
# Distribution



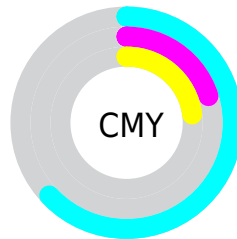
- Red (37%)
- Green (80%)
- Blue (77%)



- Red (37%)
- Yellow (60%)
- Blue (80%)



- Cyan (54%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (63%)
- Magenta (20%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6213060 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 6213060 by changing the saturation by 10% instead.





6213060



6213060

16777215



4108713



10092541



1349262



11993087



31861



13959167



25436



15925247



19013



13103



7706



0



6213060



6213060

4836802

7589318

3526081

8900039

2149823

10276297

839101

11587019

52668

12963276

14273998

15650256

16764369

16764371

# Harmonies

## Analogous

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



8440740



6213060



5426146

# Triad

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



6213060



13414637



15053441

# Complementary

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



6213060



13459047

# 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.



16230550



6213060



15443923

# Square

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



6213060



10468346



16426163



13155709

# Rectangle

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



6213060



6473969



16426163



15511175



# Sweetspot

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



6213060



14090236



6802782



6783102



0



8421504



# Same Dimension

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



6213060



5898226



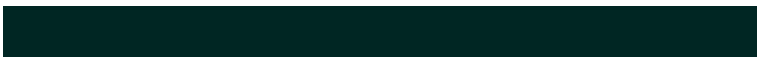
6201293



6055525



42648



9763



# Inverse Universe

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



13459047



16734567



13470814



6708317



10878989

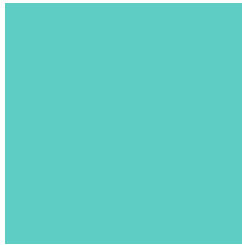


2490371



# Previews

## White Background



This preview shows how the Decimal color 6213060 looks on a white background.

## Color Contrast Check

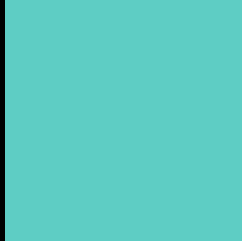
Large Text (above 18pt) WCAG AA × Fail

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 6213060 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 6213060 Background



This preview shows how black text looks on a background with the Decimal color 6213060.



This preview shows how white text looks on a background with the Decimal color 6213060.

# 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





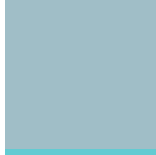
# Trichromacy



**Original Color**  
6213060



**Protanomaly**  
10207421



**Deuteranomaly**  
10534599

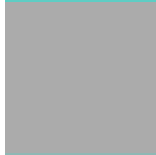


**Tritanomaly**  
6540242

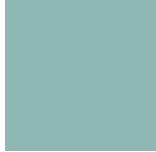
# Monochromacy



**Original Color**  
6213060



**Achromatopsia**  
11250603



**Achromatomaly**  
9418676

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6213060 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 #5ECDC4 looks like.

```
.text, #text, p{  
    color:#5ECDC4  
}
```

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 #5ECDC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ECDC4
}
```

## Border

The CSS property to change the border of an element to Decimal 6213060 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
#5ECDC4 }
```

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

```
.border{ border-color:#5ECDC4 }
```

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

Here you see how a box with a 4 pixel #5ECDC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ECDC4; -webkit-box-shadow:4px 4px  
4px 4px #5ECDC4; box-shadow:4px 4px 4px  
4px #5ECDC4 }
```

# Background

The CSS property to change the background color of an element to Decimal 6213060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ECDC4 }
```

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

```
.background{ background-color:#5ECDC4 }
```

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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