

# Converting Colors

Decimal(6210265)

Have a look what the booklet for  
Decimal(6210265) contains.

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# **Color**

**Decimal(6210265)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EC2D9
RGB	94, 194, 217
RGB Percent	37%, 76%, 85%
CMY	0.6314, 0.2392, 0.1490
CMYK	0.57, 0.11, 0.00, 0.15
HSL	191°, 62%, 61%
HSV	191°, 57%, 85%
XYZ	36.4323, 45.9730, 72.5991
YIQ	166.7220, -66.9830, -14.0470

# Conversions

## Conversions Part 2

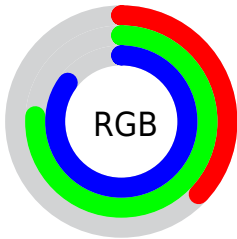
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 149, 217
Decimal	6210265
CIELab	73.53, -22.69, -20.37
CIELCh	74, 30.490, 221.909
Yxy	45.9730, 0.2350, 0.2966
Android (android.graphics.Color)	4284400345 (0xFF5EC2D9)
YUV	166.7220, 24.7871, -63.7772
Hunter-Lab	67.8034, -22.7440, -16.0212

# Details

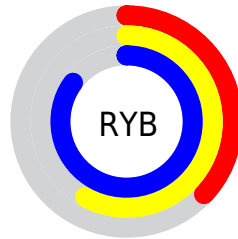
The Decimal color **6210265** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **14251358**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **10157055**, and **1150114** is the 20% darker color. If you saturate the color by 10%, you get **4767449**, and if you desaturate by 10%, it is **7653081**.

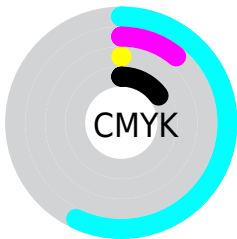
# Distribution



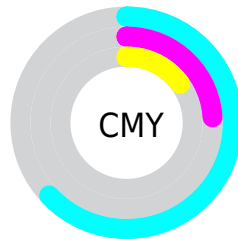
- Red (37%)
- Green (76%)
- Blue (85%)



- Red (37%)
- Yellow (58%)
- Blue (85%)



- Cyan (57%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (63%)
- Magenta (24%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6210265 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 6210265 by changing the saturation by 10% instead.



6210265

6210265

16777215

4106173

10157055

1150114

12058623

29320

14024703

23150

15990783

16982

11071

5673

276

0

■ 6210265

■ 6210265

■ 4767449

■ 7653081

■ 3390169

■ 9030361

■ 1947353

■ 10473177

■ 504537

■ 11915993

■ 45273

■ 13358809

■ 14736089

■ 16178905

■ 16769753

■ 16771033

# Harmonies

## Analogous

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



6538431



6210265



7912681

# Triad

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



6210265



14787271



12433022

# Complementary

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



6210265



14251358

# 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.



14134656



6210265



15573162

# Square

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



6210265



13085406



15246481



10403466

# Rectangle

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



6210265



9680876



15246481



13087613

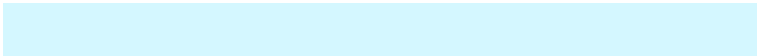


# Sweetspot

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



6210265



13957119



6216053



6716288



0



8421504



# Same Dimension

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



6210265



5431295



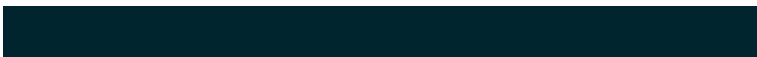
6194649



6515822



36269



9518



# Inverse Universe

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



14245570



16732895



14266974



7234412



11337869

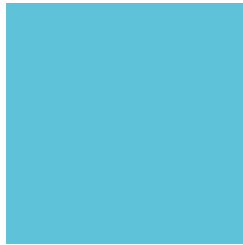


3014693



# Previews

## White Background



This preview shows how the Decimal color 6210265 looks on a white background.

## Color Contrast Check

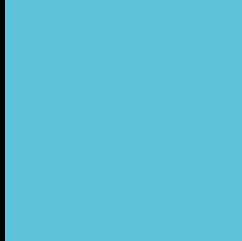
Large Text (above 18pt) WCAG AA × Fail

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 6210265 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 6210265 Background



This preview shows how black text looks on a background with the Decimal color 6210265.

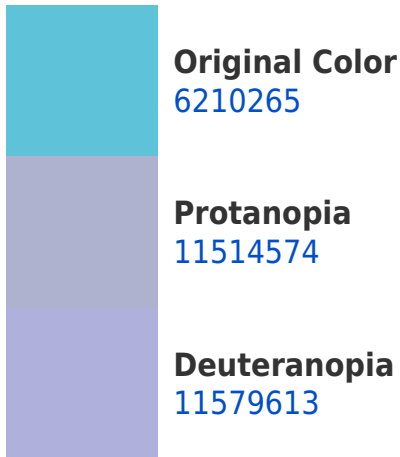


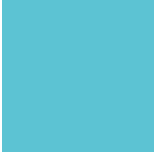
This preview shows how white text looks on a background with the Decimal color 6210265.

# 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](#).

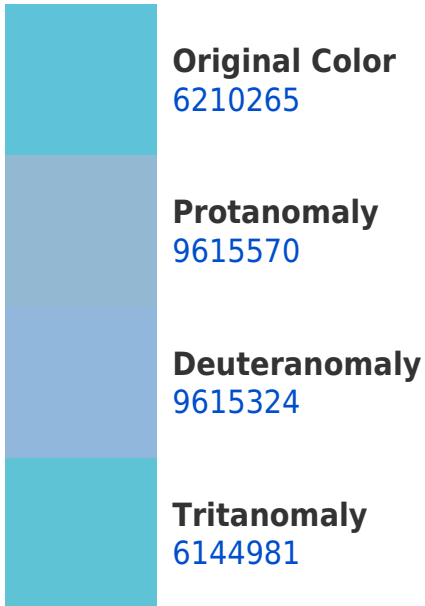
## Dichromacy





**Tritanopia**  
6079443

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6210265 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 #5EC2D9 looks like.

```
.text, #text, p{  
    color:#5EC2D9  
}
```

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 #5EC2D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EC2D9
}
```

## Border

The CSS property to change the border of an element to Decimal 6210265 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
#5EC2D9 }
```

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

```
.border{ border-color:#5EC2D9 }
```

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

Here you see how a box with a 4 pixel #5EC2D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EC2D9; -webkit-box-shadow:4px 4px  
4px 4px #5EC2D9; box-shadow:4px 4px 4px  
4px #5EC2D9 }
```

# Background

The CSS property to change the background color of an element to Decimal 6210265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EC2D9 }
```

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

```
.background{ background-color:#5EC2D9 }
```

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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