

# Converting Colors

Decimal(6467517)

Have a look what the booklet for  
Decimal(6467517) contains.

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# **Color**

**Decimal(6467517)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62AFBD
RGB	98, 175, 189
RGB Percent	38%, 69%, 74%
CMY	0.6157, 0.3137, 0.2588
CMYK	0.48, 0.07, 0.00, 0.26
HSL	189°, 41%, 56%
HSV	189°, 48%, 74%
XYZ	29.5523, 36.9307, 53.7149
YIQ	153.5730, -50.3860, -11.9700

# Conversions

## Conversions Part 2

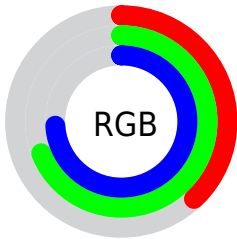
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 140, 189
Decimal	6467517
CIELab	67.23, -20.00, -14.54
CIELCh	67, 24.725, 216.018
Yxy	36.9307, 0.2459, 0.3072
Android (android.graphics.Color)	4284657597 (0xFF62AFBD)
YUV	153.5730, 17.4655, -48.7375
Hunter-Lab	60.7707, -19.5456, -9.8667

# Details

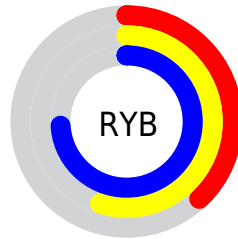
The Decimal color **6467517** is a light color, and the websafe version is hex **669999**. A complement of this color would be **12415074**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **10151925**, and **2587272** is the 20% darker color. If you saturate the color by 10%, you get **5221565**, and if you desaturate by 10%, it is **7713469**.

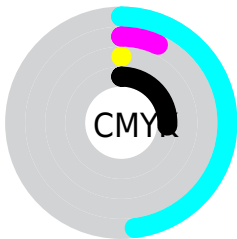
# Distribution



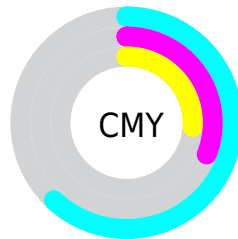
- Red (38%)
- Green (69%)
- Blue (74%)



- Red (38%)
- Yellow (55%)
- Blue (74%)



- Cyan (48%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (62%)
- Magenta (31%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6467517 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 6467517 by changing the saturation by 10% instead.





6467517



6467517

16777215



4625570



10151925



2587272



11993087



24942



13893631



18774



15859711



12863



7721



276



0



6467517



6467517

■ 5221565

■ 7713469

■ 3975613

■ 8959421

■ 2729661

■ 10205373

■ 1483709

■ 11451325

■ 237757

■ 12697277

■ 41149

■ 13877437

■ 15123389

■ 16369341

■ 16763325

# Harmonies

## Analogous

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



6926503



6467517



7449548

# Triad

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



6467517



12883638



11510903

# Complementary

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



6467517



12415074

# 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.



12819580



6467517



13669280

# Square

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



6467517



11377864



13604490



9939583

# Rectangle

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



6467517



8693712



13604490



12034423



# Sweetspot

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



6467517



13889781



6471024



6715258



16448250



8026746



# Same Dimension

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



6467517



6807541



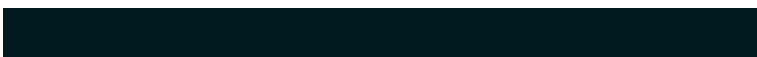
6455997



5594462



34462



6687



# Inverse Universe

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



12411567



16082911



12426594



6182237



10354822



2031642



# Previews

## White Background



This preview shows how the Decimal color 6467517 looks on a white background.

## Color Contrast Check

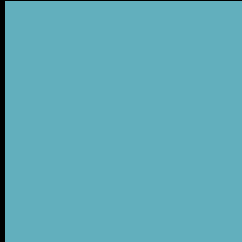
Large Text (above 18pt) WCAG AA × Fail

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 6467517 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 6467517 Background



This preview shows how black text looks on a background with the Decimal color 6467517.



This preview shows how white text looks on a background with the Decimal color 6467517.

# 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](#).

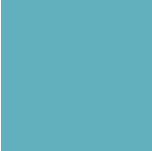
## Dichromacy



**Original Color**  
6467517

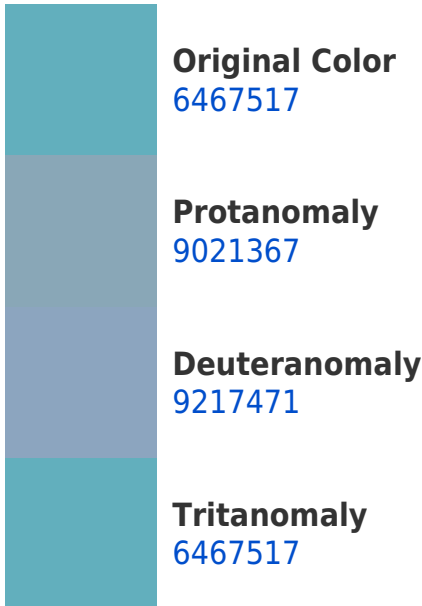
**Protanopia**  
10527412

**Deuteranopia**  
10788800



**Tritanopia**  
6467517

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6467517 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 #62AFBD looks like.

```
.text, #text, p{  
  color:#62AFBD  
}
```

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 #62AFBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62AFBD
}
```

## Border

The CSS property to change the border of an element to Decimal 6467517 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
#62AFBD }
```

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

```
.border{ border-color:#62AFBD }
```

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

Here you see how a box with a 4 pixel #62AFBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62AFBD; -webkit-box-shadow:4px 4px  
4px 4px #62AFBD; box-shadow:4px 4px 4px  
4px #62AFBD }
```

# Background

The CSS property to change the background color of an element to Decimal 6467517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62AFBD }
```

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

```
.background{ background-color:#62AFBD }
```

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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