

# Converting Colors

Decimal(6927063)

Have a look what the booklet for  
Decimal(6927063) contains.

<b>Decimal(6927063)</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(6927063)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69B2D7
RGB	105, 178, 215
RGB Percent	41%, 70%, 84%
CMY	0.5882, 0.3020, 0.1569
CMYK	0.51, 0.17, 0.00, 0.16
HSL	200°, 58%, 63%
HSV	200°, 51%, 84%
XYZ	34.0118, 39.7503, 70.1699
YIQ	160.3910, -55.3850, -3.9690

# Conversions

## Conversions Part 2

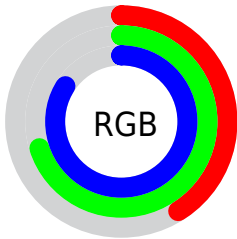
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	105, 149, 215
Decimal	6927063
CIELab	69.29, -12.66, -25.70
CIELCh	69, 28.648, 243.778
Yxy	39.7503, 0.2363, 0.2762
Android (android.graphics.Color)	4285117143 (0xFF69B2D7)
YUV	160.3910, 26.9222, -48.5779
Hunter-Lab	63.0479, -14.0401, -21.8541

# Details

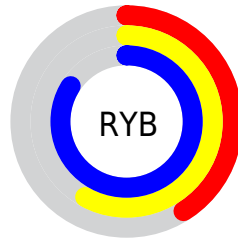
The Decimal color **6927063** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **14126697**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **10676991**, and **2915744** is the 20% darker color. If you saturate the color by 10%, you get **5483479**, and if you desaturate by 10%, it is **8305111**.

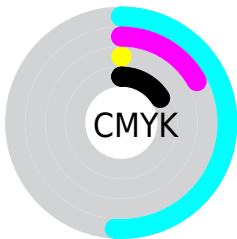
# Distribution



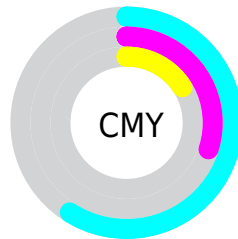
- Red (41%)
- Green (70%)
- Blue (84%)



- Red (41%)
- Yellow (58%)
- Blue (84%)



- Cyan (51%)
- Magenta (17%)
- Yellow (0%)
- Black (16%)



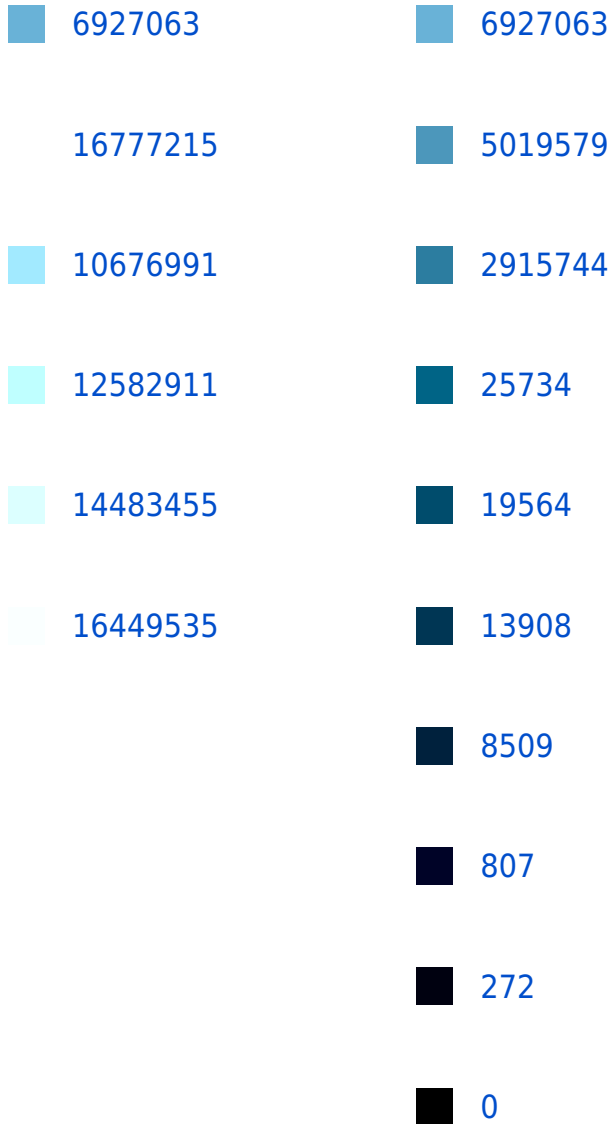
- Cyan (59%)
- Magenta (30%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6927063 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 6927063 by changing the saturation by 10% instead.





■ 6927063

■ 6927063

■ 5483479

■ 8305111

■ 4105431

■ 9748695

■ 2661591

■ 11192535

■ 1283543

■ 12570583

■ 36823

■ 14014167

■ 15392215

■ 16770519

■ 16772311

■ 16774103

# Harmonies

## Analogous

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



5813957



6927063



9284317

# Triad

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



6927063



14456487



10268797

# Complementary

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



6927063



14126697

# 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.



12102005



6927063



14457230

# Square

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



6927063



13474241



13607035



8304017

# Rectangle

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



6927063



10921177



13607035



10923641



# Sweetspot

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



6927063



14283519



6936462



6912128



0



8421504



# Same Dimension

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



6927063



6540287



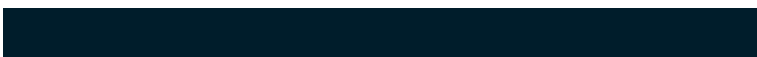
6912983



6317931



29099



7467



# Inverse Universe

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



14117298



16737227



14140777



7037031



11206769

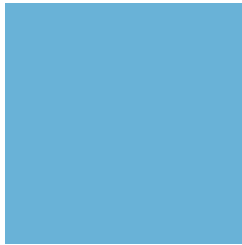


2818077



# Previews

## White Background



This preview shows how the Decimal color 6927063 looks on a white background.

## Color Contrast Check

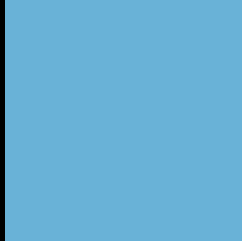
Large Text (above 18pt) WCAG AA × Fail

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 6927063 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 6927063 Background



This preview shows how black text looks on a background with the Decimal color 6927063.

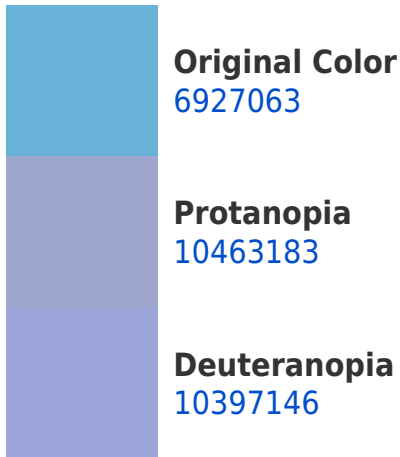


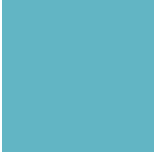
This preview shows how white text looks on a background with the Decimal color 6927063.

# 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](#).

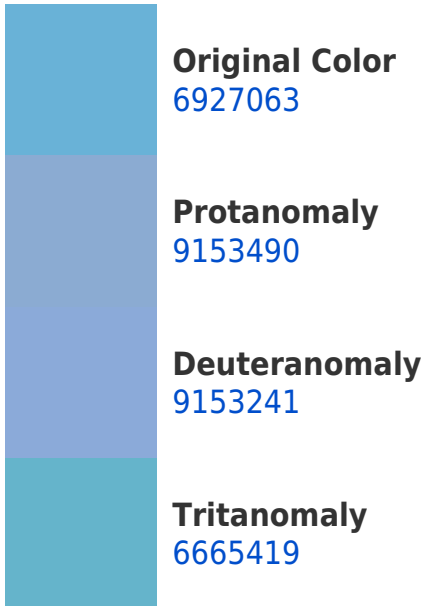
## Dichromacy





**Tritanopia**  
6469060

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6927063 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 #69B2D7 looks like.

```
.text, #text, p{  
    color:#69B2D7  
}
```

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 #69B2D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69B2D7  
}
```

## Border

The CSS property to change the border of an element to Decimal 6927063 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  
#69B2D7 }
```

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

```
.border{ border-color:#69B2D7 }
```

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

Here you see how a box with a 4 pixel #69B2D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69B2D7; -webkit-box-shadow:4px 4px  
4px 4px #69B2D7; box-shadow:4px 4px 4px  
4px #69B2D7 }
```

# Background

The CSS property to change the background color of an element to Decimal 6927063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69B2D7 }
```

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

```
.background{ background-color:#69B2D7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor