

# Converting Colors

Decimal(7056589)

Have a look what the booklet for  
Decimal(7056589) contains.

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# **Color**

**Decimal(7056589)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BACCD
RGB	107, 172, 205
RGB Percent	42%, 67%, 80%
CMY	0.5804, 0.3255, 0.1961
CMYK	0.48, 0.16, 0.00, 0.20
HSL	200°, 49%, 61%
HSV	200°, 48%, 80%
XYZ	31.8354, 37.0386, 63.2289
YIQ	156.3270, -49.3330, -3.5170

# Conversions

## Conversions Part 2

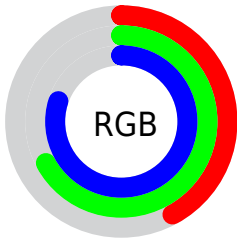
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">107, 146, 205</a>
Decimal	<a href="#">7056589</a>
CIELab	<a href="#">67.31, -11.84, -23.23</a>
CIELCh	<a href="#">67, 26.071, 242.991</a>
Yxy	<a href="#">37.0386, 0.2410, 0.2804</a>
Android (android.graphics.Color)	<a href="#">4285246669 (0xFF6BACCD)</a>
YUV	<a href="#">156.3270, 23.9958, -43.2598</a>
Hunter-Lab	<a href="#">60.8594, -13.1310, -18.9968</a>

# Details

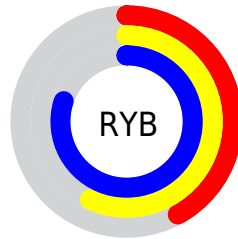
The Decimal color **7056589** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **13470827**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **10740735**, and **3242135** is the 20% darker color. If you saturate the color by 10%, you get **5678541**, and if you desaturate by 10%, it is **8369101**.

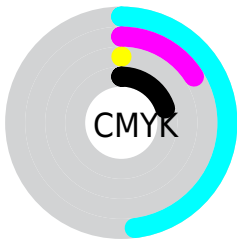
# Distribution



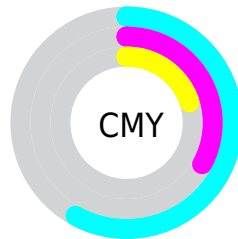
- Red (42%)
- Green (67%)
- Blue (80%)



- Red (42%)
- Yellow (57%)
- Blue (80%)



- Cyan (48%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (58%)
- Magenta (33%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7056589 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 7056589 by changing the saturation by 10% instead.



7056589

7056589

16777215

5214641

10740735

3242135

12648447

548733

14548991

18276

16449535

12620

7477

544

3

0

■ 7056589

■ 7056589

■ 5678541

■ 8369101

■ 4366029

■ 9747149

■ 2987981

■ 11125197

■ 1675469

■ 12437709

■ 297421

■ 13815757

■ 35021

■ 15128013

■ 16506061

■ 16769997

■ 16771789

# Harmonies

## Analogous

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



6140093



7056589



9086418

# Triad

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



7056589



13800354



10070652

# Complementary

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



7056589



13470827

# 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.



11772789



7056589



13800843

# Square

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



7056589



12883642



13081467



8302478

# Rectangle

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



7056589



10526927



13081467



10659960

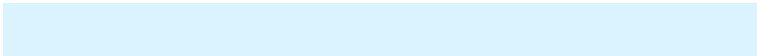


# Sweetspot

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



7056589



14414847



7064972



6977664



0



8421504



# Same Dimension

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



7056589



7261951



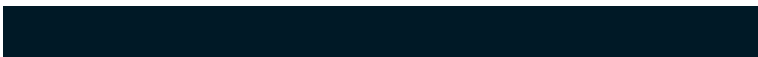
7044045



6054758



28326



6438



# Inverse Universe

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



13462444



16740046



13483371



6708323



10879086

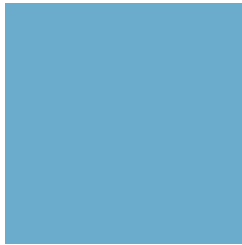


2490393



# Previews

## White Background



This preview shows how the Decimal color 7056589 looks on a white background.

## Color Contrast Check

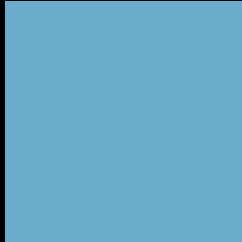
Large Text (above 18pt) WCAG AA × Fail

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 7056589 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 7056589 Background



This preview shows how black text looks on a background with the Decimal color 7056589.

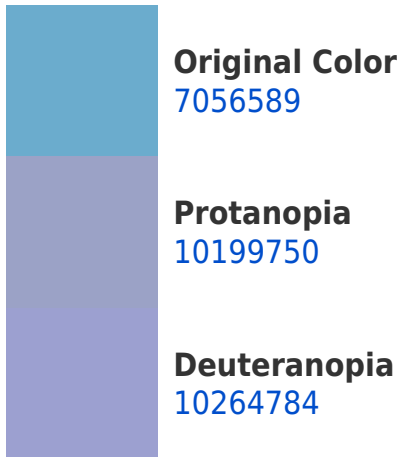


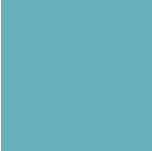
This preview shows how white text looks on a background with the Decimal color 7056589.

# 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**  
6729661

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7056589 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 #6BACCD looks like.

```
.text, #text, p{  
    color:#6BACCD  
}
```

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 #6BACCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BACCD
}
```

## Border

The CSS property to change the border of an element to Decimal 7056589 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
#6BACCD }
```

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

```
.border{ border-color:#6BACCD }
```

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

Here you see how a box with a 4 pixel #6BACCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BACCD; -webkit-box-shadow:4px 4px  
4px 4px #6BACCD; box-shadow:4px 4px 4px  
4px #6BACCD }
```

# Background

The CSS property to change the background color of an element to Decimal 7056589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BACCD }
```

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

```
.background{ background-color:#6BACCD }
```

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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