

# Converting Colors

Decimal(6920393)

Have a look what the booklet for  
Decimal(6920393) contains.

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# **Color**

**Decimal(6920393)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6998C9
RGB	105, 152, 201
RGB Percent	41%, 60%, 79%
CMY	0.5882, 0.4039, 0.2118
CMYK	0.48, 0.24, 0.00, 0.21
HSL	211°, 47%, 60%
HSV	211°, 48%, 79%
XYZ	27.5965, 29.6768, 59.5320
YIQ	143.5330, -43.7410, 5.2750

# Conversions

## Conversions Part 2

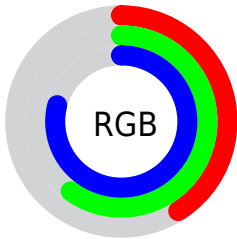
Format	Color
<a href="#">RYB</a>	<a href="#">105, 137, 201</a>
Decimal	<a href="#">6920393</a>
CIELab	<a href="#">61.37, -2.42, -30.14</a>
CIELCh	<a href="#">61, 30.234, 265.403</a>
Yxy	<a href="#">29.6768, 0.2363, 0.2541</a>
Android (android.graphics.Color)	<a href="#">4285110473</a> ( <a href="#">0xFF6998C9</a> )
YUV	<a href="#">143.5330, 28.3312, -33.7934</a>
Hunter-Lab	<a href="#">54.4764, -4.9095, -26.6589</a>

# Details

The Decimal color **6920393** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **13212265**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **10604287**, and **3171731** is the 20% darker color. If you saturate the color by 10%, you get **5607113**, and if you desaturate by 10%, it is **8233673**.

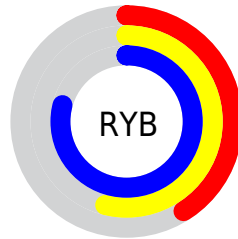
# Distribution



Red (41%)

Green (60%)

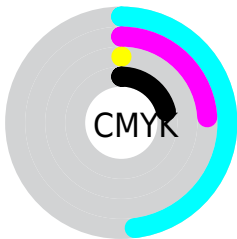
Blue (79%)



Red (41%)

Yellow (54%)

Blue (79%)

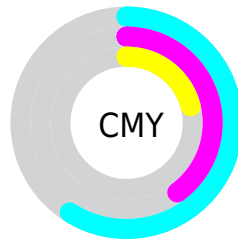


Cyan (48%)

Magenta (24%)

Yellow (0%)

Black (21%)



Cyan (59%)

Magenta (40%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6920393 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 6920393 by changing the saturation by 10% instead.





6920393



6920393

16777215



5078702



10604287



3171731



12446463



609657



14352383



14176



16252927



8776



2865



284



0



6920393



6920393

■ 5607113

■ 8233673

■ 4293577

■ 9547209

■ 2980297

■ 10860489

■ 1667017

■ 12173769

■ 353737

■ 13552585

■ 25289

■ 14866121

■ 16179401

■ 16771785

■ 16774345

# Harmonies

## Analogous

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



4366271



6920393



9605060

# Triad

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



6920393



13205887



7380853

# Complementary

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



6920393



13212265

# 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.



9410915



6920393



12552297

# Square

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



6920393



12943513



11178335



5284495

# Rectangle

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



6920393



11110586



11178335



8035950

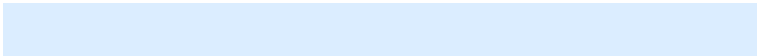


# Sweetspot

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



6920393



14413311



6932889



6976640



0



8421504

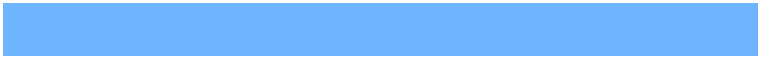


# Same Dimension

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



6920393



7255551



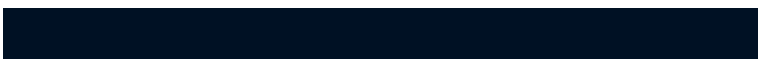
6908361



5922403



20643



4388



# Inverse Universe

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



13199768



16740021



13224297



6511198



10682448

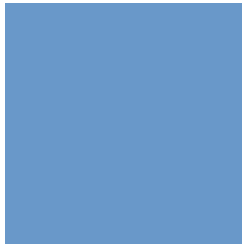


2359313



# Previews

## White Background



This preview shows how the Decimal color 6920393 looks on a white background.

## Color Contrast Check

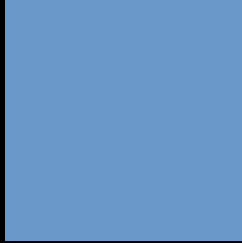
Large Text (above 18pt) WCAG AA ✓ Pass

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 6920393 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6920393 Background



This preview shows how black text looks on a background with the Decimal color 6920393.



This preview shows how white text looks on a background with the Decimal color 6920393.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6920393 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 #6998C9 looks like.

```
.text, #text, p{  
    color:#6998C9  
}
```

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 #6998C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6998C9
}
```

## Border

The CSS property to change the border of an element to Decimal 6920393 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
#6998C9 }
```

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

```
.border{ border-color:#6998C9 }
```

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

Here you see how a box with a 4 pixel #6998C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6998C9; -webkit-box-shadow:4px 4px  
4px 4px #6998C9; box-shadow:4px 4px 4px  
4px #6998C9 }
```

# Background

The CSS property to change the background color of an element to Decimal 6920393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6998C9 }
```

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

```
.background{ background-color:#6998C9 }
```

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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