

# Converting Colors

Decimal(7193572)

Have a look what the booklet for  
Decimal(7193572) contains.

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# **Color**

**Decimal(7193572)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DC3E4
RGB	109, 195, 228
RGB Percent	43%, 76%, 89%
CMY	0.5725, 0.2353, 0.1059
CMYK	0.52, 0.14, 0.00, 0.11
HSL	197°, 69%, 66%
HSV	197°, 52%, 89%
XYZ	39.8254, 47.8829, 80.5421
YIQ	173.0480, -61.8490, -7.9690

# Conversions

## Conversions Part 2

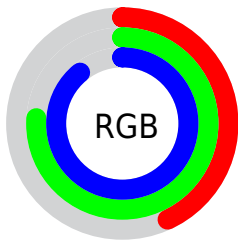
Format	Color
R <sub>YB</sub>	109, 159, 228
Decimal	7193572
CIE Lab	74.75, -17.02, -24.41
CIE LCh	75, 29.758, 235.114
Yxy	47.8829, 0.2367, 0.2846
Android (android.graphics.Color)	4285383652 (0xFF6DC3E4)
YUV	173.0480, 27.0913, -56.1701
Hunter-Lab	69.1974, -18.3630, -20.5721

# Details

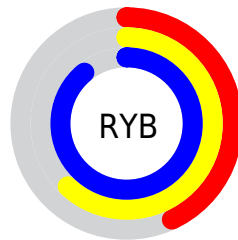
The Decimal color **7193572** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **14978669**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **11009279**, and **2985388** is the 20% darker color. If you saturate the color by 10%, you get **5684708**, and if you desaturate by 10%, it is **8702436**.

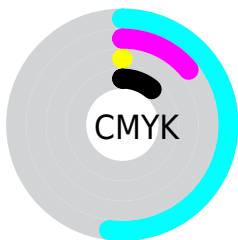
# Distribution



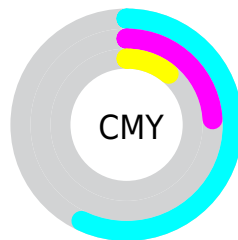
- Red (43%)
- Green (76%)
- Blue (89%)



- Red (43%)
- Yellow (62%)
- Blue (89%)



- Cyan (52%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (57%)
- Magenta (24%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7193572 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 7193572 by changing the saturation by 10% instead.



7193572

7193572

16777215

5220552

11009279

2985388

12976127

29842

14876671

23416

17247

11591

6705

284

0

■ 7193572

■ 7193572

■ 5684708

■ 8702436

■ 4175588

■ 10211556

■ 2732260

■ 11654884

■ 1223396

■ 13163748

■ 42468

■ 14672868

■ 16181732

■ 16773092

■ 16774884

■ 16776420

# Harmonies

## Analogous

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



6604750



7193572



9420014

# Triad

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



7193572



15443134



11779462

# Complementary

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



7193572



14978669

# 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.



13677954



7193572



15705506

# Square

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



7193572



14133720



15051916



9749656

# Rectangle

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



7193572



11122413



15051916



12434307

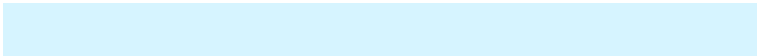


# Sweetspot

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



7193572



14087423



7201933



6781312



0



8421504



# Same Dimension

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



7193572



6214399



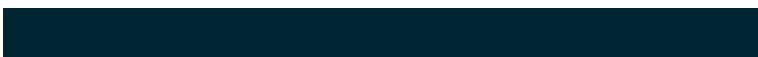
7178724



6778995



33203



9523



# Inverse Universe

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



14970307



16735954



14993517



7563120



11731073

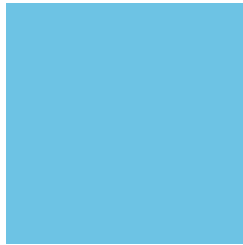


3342373



# Previews

## White Background



This preview shows how the Decimal color 7193572 looks on a white background.

## Color Contrast Check

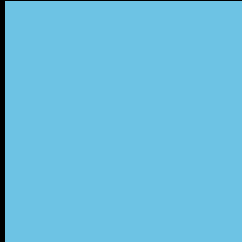
Large Text (above 18pt) WCAG AA × Fail

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 7193572 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 7193572 Background



This preview shows how black text looks on a background with the Decimal color 7193572.

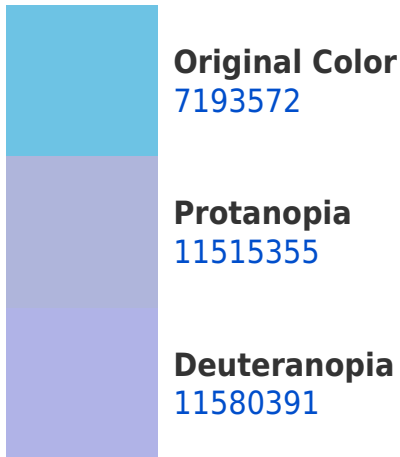


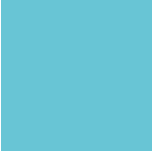
This preview shows how white text looks on a background with the Decimal color 7193572.

# 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](#).

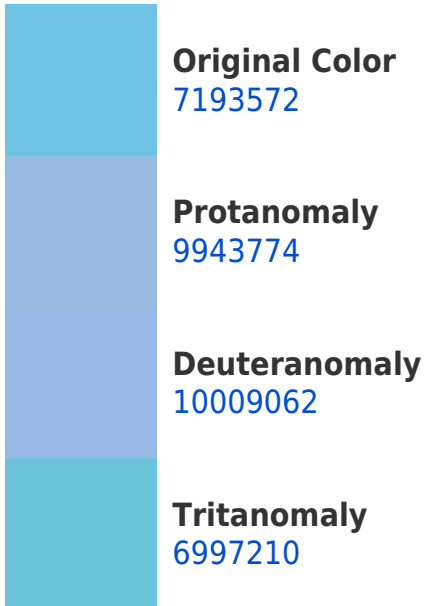
## Dichromacy





**Tritanopia**  
6866389

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7193572 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 #6DC3E4 looks like.

```
.text, #text, p{  
    color:#6DC3E4  
}
```

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 #6DC3E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DC3E4
}
```

## Border

The CSS property to change the border of an element to Decimal 7193572 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
#6DC3E4 }
```

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

```
.border{ border-color:#6DC3E4 }
```

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

Here you see how a box with a 4 pixel #6DC3E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DC3E4; -webkit-box-shadow:4px 4px  
4px 4px #6DC3E4; box-shadow:4px 4px 4px  
4px #6DC3E4 }
```

# Background

The CSS property to change the background color of an element to Decimal 7193572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DC3E4 }
```

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

```
.background{ background-color:#6DC3E4 }
```

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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