

# Converting Colors

Decimal(7455702)

Have a look what the booklet for  
Decimal(7455702) contains.

<b>Decimal(7455702)</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(7455702)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71C3D6
RGB	113, 195, 214
RGB Percent	44%, 76%, 84%
CMY	0.5569, 0.2353, 0.1608
CMYK	0.47, 0.09, 0.00, 0.16
HSL	191°, 55%, 64%
HSV	191°, 47%, 84%
XYZ	38.4628, 47.3960, 70.7395
YIQ	172.6480, -54.9710, -11.4750

# Conversions

## Conversions Part 2

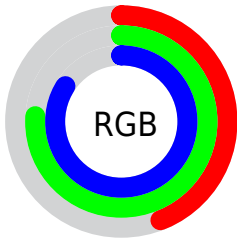
Format	Color
<a href="#">RYB</a>	<a href="#">113, 158, 214</a>
Decimal	<a href="#">7455702</a>
CIELab	<a href="#">74.44, -20.01, -17.28</a>
CIELCh	<a href="#">74, 26.439, 220.826</a>
Yxy	<a href="#">47.3960, 0.2456, 0.3027</a>
Android (android.graphics.Color)	<a href="#">4285645782 (0xFF71C3D6)</a>
YUV	<a href="#">172.6480, 20.3865, -52.3113</a>
Hunter-Lab	<a href="#">68.8447, -20.7524, -12.7305</a>

# Details

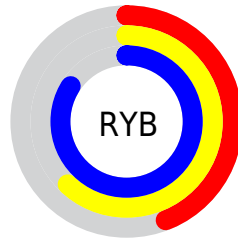
The Decimal color **7455702** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14058609**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **11205887**, and **3575199** is the 20% darker color. If you saturate the color by 10%, you get **6078422**, and if you desaturate by 10%, it is **8832982**.

# Distribution



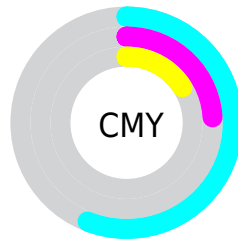
- Red (44%)
- Green (76%)
- Blue (84%)



- Red (44%)
- Yellow (62%)
- Blue (84%)



- Cyan (47%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (56%)
- Magenta (24%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7455702 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 7455702 by changing the saturation by 10% instead.



■ 7455702

■ 7455702

16777215

■ 5548218

■ 11205887

■ 3575199

■ 13107199

■ 816005

■ 15007743

■ 23404

■ 17236

■ 11324

■ 6695

■ 273

■ 0

■ 7455702

■ 7455702

■ 6078422

■ 8832982

■ 4635606

■ 10275798

■ 3258326

■ 11653078

■ 1815510

■ 13095894

■ 438230

■ 14473174

■ 44758

■ 15850454

■ 16768982

■ 16770006

■ 16771030

# Harmonies

## Analogous

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



7652799



7455702



8765156

# Triad

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



7455702



14591944



12630151

# Complementary

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



7455702



14058609

# 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.



14135434



7455702



15247023

# Square

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



7455702



13020892



15051160



10862482

# Rectangle

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



7455702



10140135



15051160



13153927

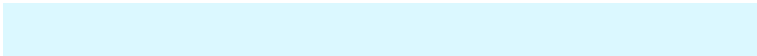


# Sweetspot

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



7455702



14416127



7460484



6978432



0



8421504



# Same Dimension

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



7455702



7267583



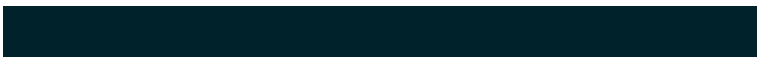
7442902



6318443



35755



9003



# Inverse Universe

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



14053827



16740068



14071409



7037033



11206795

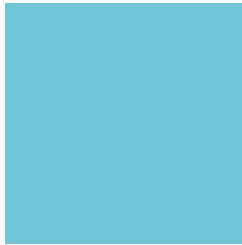


2818083



# Previews

## White Background



This preview shows how the Decimal color 7455702 looks on a white background.

## Color Contrast Check

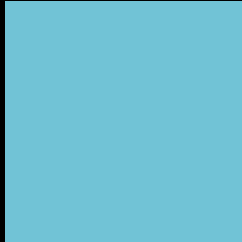
Large Text (above 18pt) WCAG AA × Fail

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 7455702 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

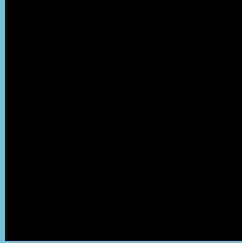
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7455702 Background



This preview shows how black text looks on a background with the Decimal color 7455702.



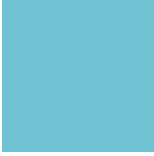
This preview shows how white text looks on a background with the Decimal color 7455702.

# 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](#).

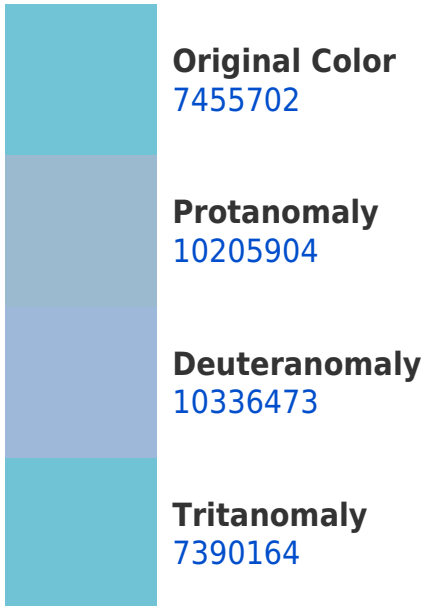
## Dichromacy





**Tritanopia**  
7390163

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7455702 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 #71C3D6 looks like.

```
.text, #text, p{  
    color:#71C3D6  
}
```

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 #71C3D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71C3D6
}
```

## Border

The CSS property to change the border of an element to Decimal 7455702 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
#71C3D6 }
```

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

```
.border{ border-color:#71C3D6 }
```

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

Here you see how a box with a 4 pixel #71C3D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71C3D6; -webkit-box-shadow:4px 4px  
4px 4px #71C3D6; box-shadow:4px 4px 4px  
4px #71C3D6 }
```

# Background

The CSS property to change the background color of an element to Decimal 7455702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71C3D6 }
```

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

```
.background{ background-color:#71C3D6 }
```

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