

# Converting Colors

Decimal(7254997)

Have a look what the booklet for  
Decimal(7254997) contains.

<b>Decimal(7254997)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(7254997)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EB3D5
RGB	110, 179, 213
RGB Percent	43%, 70%, 84%
CMY	0.5686, 0.2980, 0.1647
CMYK	0.48, 0.16, 0.00, 0.16
HSL	200°, 55%, 63%
HSV	200°, 48%, 84%
XYZ	34.5607, 40.3593, 68.9194
YIQ	162.2450, -52.0380, -4.0540

# Conversions

## Conversions Part 2

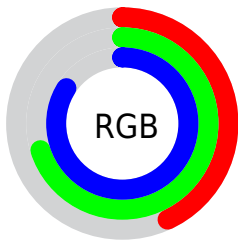
Format	Color
R <sub>YB</sub>	110, 151, 213
Decimal	7254997
CIE <sub>Lab</sub>	69.72, -12.63, -23.92
CIE <sub>LCh</sub>	70, 27.048, 242.173
Y <sub>xy</sub>	40.3593, 0.2403, 0.2806
Android (android.graphics.Color)	4285445077 (0xFF6EB3D5)
YUV	162.2450, 25.0222, -45.8189
Hunter-Lab	63.5290, -14.0689, -19.8505

# Details

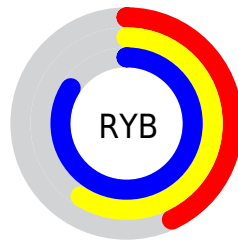
The Decimal color **7254997** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **13996142**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **11004927**, and **3374750** is the 20% darker color. If you saturate the color by 10%, you get **5876949**, and if you desaturate by 10%, it is **8633045**.

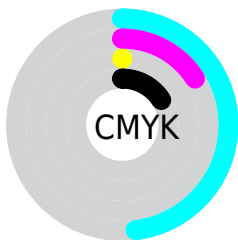
# Distribution



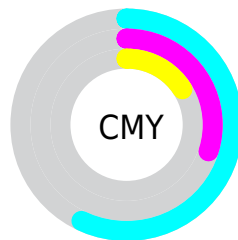
- Red (43%)
- Green (70%)
- Blue (84%)



- Red (43%)
- Yellow (59%)
- Blue (84%)



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



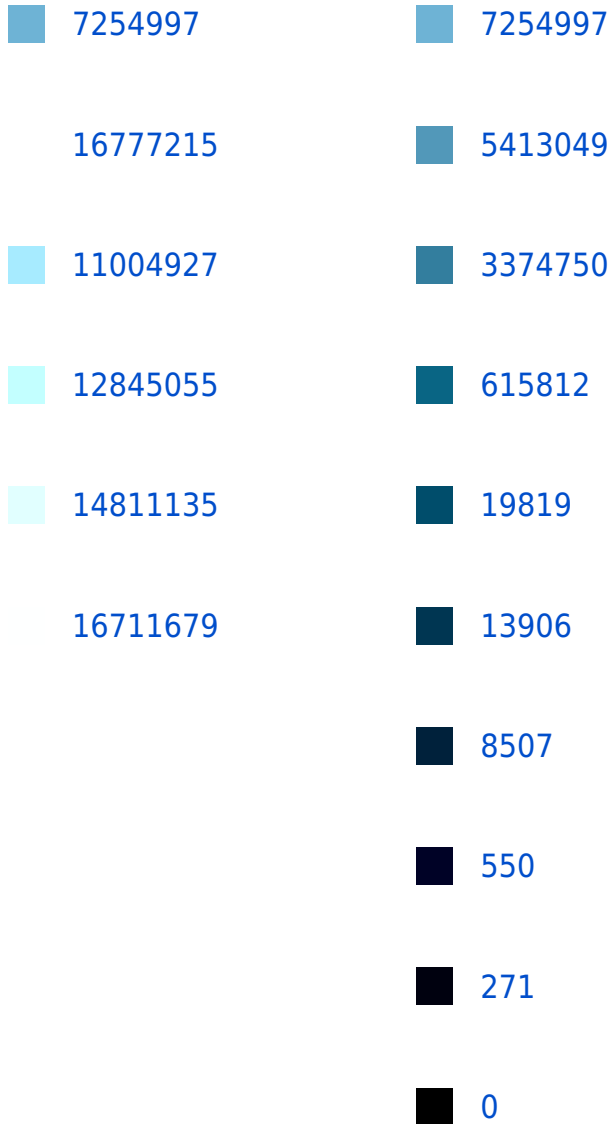
- Cyan (57%)
- Magenta (30%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7254997 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 7254997 by changing the saturation by 10% instead.





■ 7254997

■ 7254997

■ 5876949

■ 8633045

■ 4433365

■ 10076629

■ 3055317

■ 11454677

■ 1677269

■ 12832725

■ 299221

■ 14276309

■ 36821

■ 15654357

■ 16770261

■ 16772053

■ 16773845

# Harmonies

## Analogous

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



6338500



7254997



9350363

# Triad

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



7254997



14325929



10531200

# Complementary

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



7254997



13996142

# 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.



12233081



7254997



14391953

# Square

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



7254997



13343938



13607296



8697491

# Rectangle

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



7254997



10856152



13607296



11120253

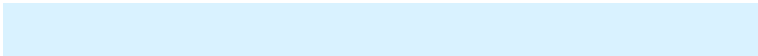


# Sweetspot

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



7254997



14283519



7263631



6912128



0



8421504

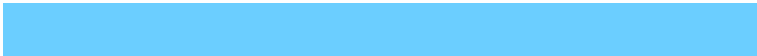


# Same Dimension

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



7254997



7065343



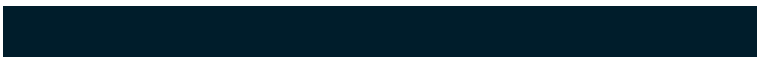
7242197



6318187



29355



7467



# Inverse Universe

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



13987507



16739278



14008942



7037032



11206770

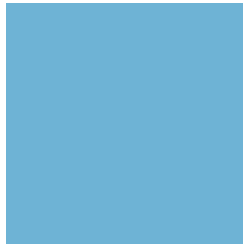


2818077



# Previews

## White Background



This preview shows how the Decimal color 7254997 looks on a white background.

## Color Contrast Check

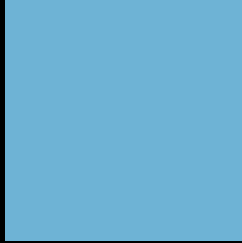
Large Text (above 18pt) WCAG AA × Fail

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 7254997 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

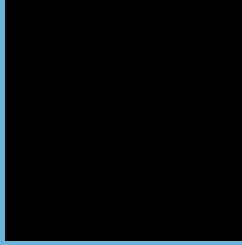
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7254997 Background



This preview shows how black text looks on a background with the Decimal color 7254997.



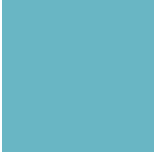
This preview shows how white text looks on a background with the Decimal color 7254997.

# 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**  
6928068

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7254997 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 #6EB3D5 looks like.

```
.text, #text, p{  
    color:#6EB3D5  
}
```

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 #6EB3D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EB3D5
}
```

## Border

The CSS property to change the border of an element to Decimal 7254997 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
#6EB3D5 }
```

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

```
.border{ border-color:#6EB3D5 }
```

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

Here you see how a box with a 4 pixel #6EB3D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EB3D5; -webkit-box-shadow:4px 4px  
4px 4px #6EB3D5; box-shadow:4px 4px 4px  
4px #6EB3D5 }
```

# Background

The CSS property to change the background color of an element to Decimal 7254997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EB3D5 }
```

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

```
.background{ background-color:#6EB3D5 }
```

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