

# Converting Colors

Decimal(6551495)

Have a look what the booklet for  
Decimal(6551495) contains.

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# **Color**

**Decimal(6551495)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63F7C7
RGB	99, 247, 199
RGB Percent	39%, 97%, 78%
CMY	0.6118, 0.0314, 0.2196
CMYK	0.60, 0.00, 0.19, 0.03
HSL	161°, 90%, 68%
HSV	161°, 60%, 97%
XYZ	48.7152, 73.2977, 65.6131
YIQ	197.2760, -72.8000, -46.3040

# Conversions

## Conversions Part 2

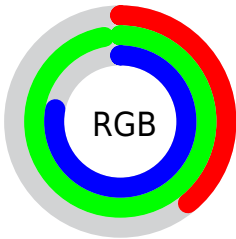
Format	Color
<b>RYB</b>	99, 187, 247
Decimal	6551495
CIELab	88.59, -50.68, 11.40
CIELCh	89, 51.943, 167.326
Yxy	73.2977, 0.2596, 0.3907
Android (android.graphics.Color)	4284741575 (0xFF63F7C7)
YUV	197.2760, 0.8499, -86.1881
Hunter-Lab	85.6141, -48.2566, 14.4910

# Details

The Decimal color **6551495** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **16212883**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **10682367**, and **310929** is the 20% darker color. If you saturate the color by 10%, you get **4913087**, and if you desaturate by 10%, it is **8189903**.

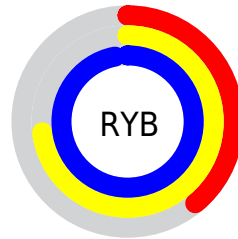
# Distribution



Red (39%)

Green (97%)

Blue (78%)



Red (39%)

Yellow (73%)

Blue (97%)

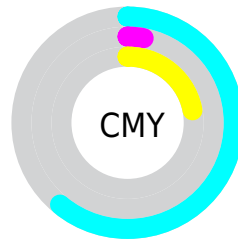


Cyan (60%)

Magenta (0%)

Yellow (19%)

Black (3%)



Cyan (61%)

Magenta (3%)

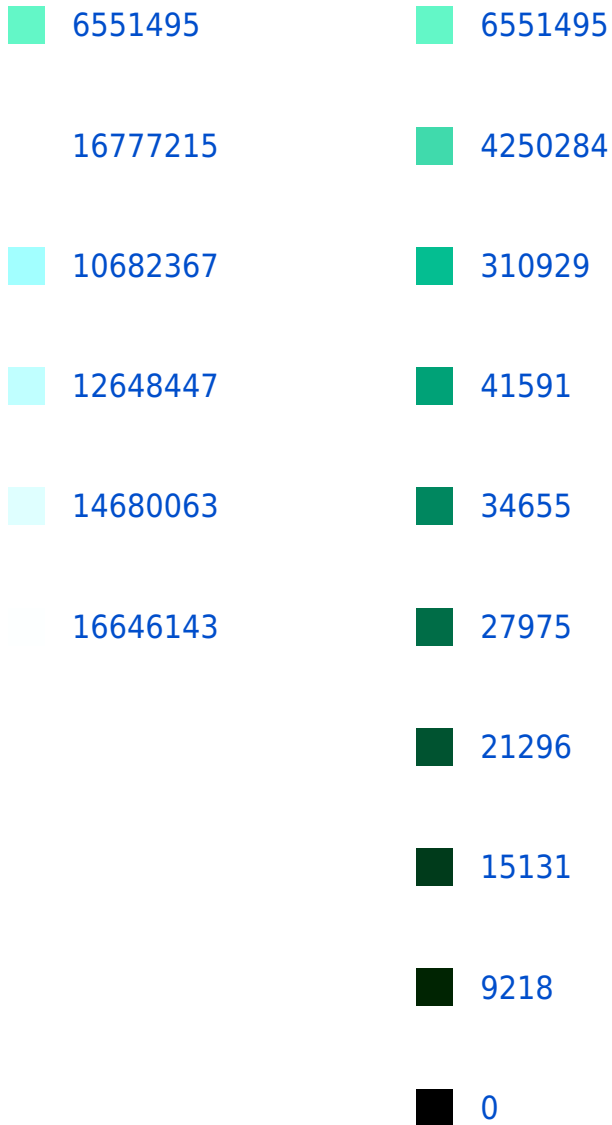
Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6551495 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 6551495 by changing the saturation by 10% instead.





■ 6551495

■ 6551495

■ 4913087

■ 8189903

■ 3340215

■ 9762775

■ 1701807

■ 11401183

■ 63399

■ 13039591

■ 14677999

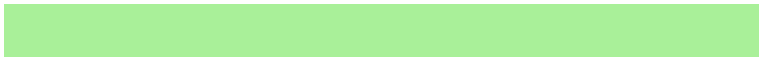
■ 16250871

■ 16775167

# Harmonies

## Analogous

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



11137177



6551495



63738

# Triad

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



6551495



12835327



16761752

# Complementary

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



6551495



16212883

# 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.



16758979



6551495



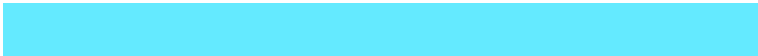
16762879

# Square

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



6551495



6613759



16759286



16766077

# Rectangle

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



6551495



63231



16759286



16760485

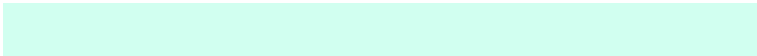


# Sweetspot

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



6551495



13762544



9762659



6520950



0



8421504



# Same Dimension

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



6551495



4718531



6545143



7240310



47742



15144



# Inverse Universe

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



16212883



16729987



16219235



8023666



12189756

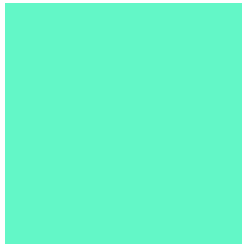


3866643



# Previews

## White Background



This preview shows how the Decimal color 6551495 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 6551495 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

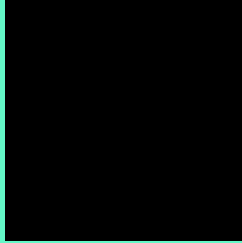
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6551495 Background



This preview shows how black text looks on a background with the Decimal color 6551495.

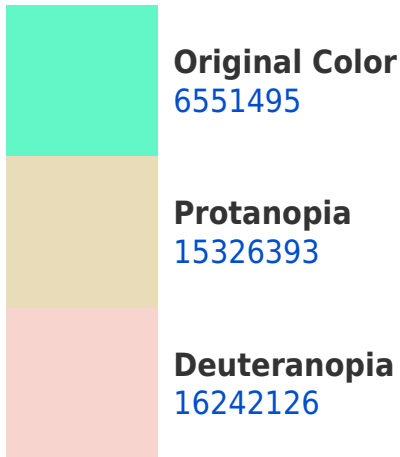


This preview shows how white text looks on a background with the Decimal color 6551495.

# 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**  
8777215

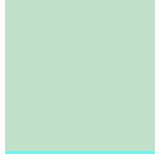
# Trichromacy



**Original Color**  
6551495



**Protanomaly**  
12117694



**Deuteranomaly**  
12706251



**Tritanomaly**  
7991787

# Monochromacy



**Original Color**  
6551495



**Achromatopsia**  
12961221



**Achromatomaly**  
10606534

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6551495 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 #63F7C7 looks like.

```
.text, #text, p{  
    color:#63F7C7  
}
```

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 #63F7C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63F7C7
}
```

## Border

The CSS property to change the border of an element to Decimal 6551495 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
#63F7C7 }
```

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

```
.border{ border-color:#63F7C7 }
```

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

Here you see how a box with a 4 pixel #63F7C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63F7C7; -webkit-box-shadow:4px 4px  
4px 4px #63F7C7; box-shadow:4px 4px 4px  
4px #63F7C7 }
```

# Background

The CSS property to change the background color of an element to Decimal 6551495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63F7C7 }
```

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

```
.background{ background-color:#63F7C7 }
```

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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