

# Converting Colors

Decimal(7133620)

Have a look what the booklet for  
Decimal(7133620) contains.

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# **Color**

**Decimal(7133620)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CD9B4
RGB	108, 217, 180
RGB Percent	42%, 85%, 71%
CMY	0.5765, 0.1490, 0.2941
CMYK	0.50, 0.00, 0.17, 0.15
HSL	160°, 59%, 64%
HSV	160°, 50%, 85%
XYZ	39.2354, 56.1091, 51.9422
YIQ	180.1910, -53.0870, -34.6150

# Conversions

## Conversions Part 2

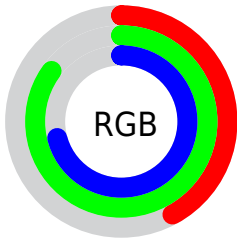
Format	Color
<a href="#">RYB</a>	<a href="#">108, 174, 217</a>
Decimal	<a href="#">7133620</a>
<a href="#">CIELab</a>	<a href="#">79.68, -40.10, 8.69</a>
<a href="#">CIElCh</a>	<a href="#">80, 41.034, 167.780</a>
<a href="#">Yxy</a>	<a href="#">56.1091, 0.2664, 0.3810</a>
Android (android.graphics.Color)	<a href="#">4285323700</a> ( <a href="#">0xFF6CD9B4</a> )
<a href="#">YUV</a>	<a href="#">180.1910, -0.0942, -63.3115</a>
<a href="#">Hunter-Lab</a>	<a href="#">74.9060, -37.5881, 11.3206</a>

# Details

The Decimal color **7133620** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **14249105**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **10944492**, and **3055999** is the 20% darker color. If you saturate the color by 10%, you get **5691821**, and if you desaturate by 10%, it is **8575419**.

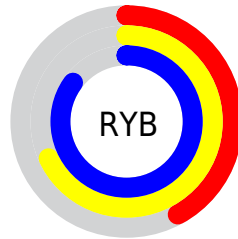
# Distribution



Red (42%)

Green (85%)

Blue (71%)



Red (42%)

Yellow (68%)

Blue (85%)

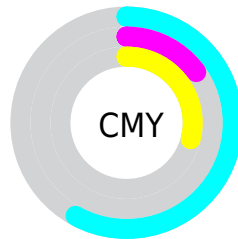


Cyan (50%)

Magenta (0%)

Yellow (17%)

Black (15%)



Cyan (58%)

Magenta (15%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7133620 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 7133620 by changing the saturation by 10% instead.





7133620



7133620

16777215



5225881



10944492



3055999



12845055



34662



14745599



27982

16711679



21559



15394



9996



0



7133620



7133620

■ 5691821

■ 8575419

■ 4315557

■ 9951683

■ 2873758

■ 11393482

■ 1431959

■ 12835281

■ 55695

■ 14277081

■ 15653344

■ 16767464

■ 16767471

■ 16767478

# Harmonies

## Analogous

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



10343569



7133620



3726043

# Triad

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



7133620



11780607



16757134

# Complementary

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



7133620



14249105

# 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.



16755120



7133620



15119353

# Square

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



7133620



7655167



16755415



15580795

# Rectangle

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



7133620



2808051



16755415



16756120

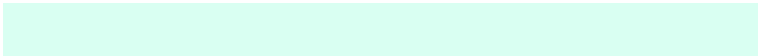


# Sweetspot

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



7133620



14286834



9623916



6914168



0



8421504



# Same Dimension

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



7133620



6750155



7129561



6516330



44403



11806



# Inverse Universe

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



14249105



16737946



14253164



7234406



11337787

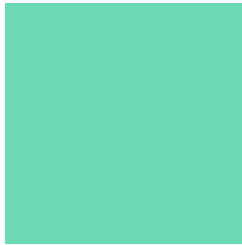


3014672



# Previews

## White Background



This preview shows how the Decimal color 7133620 looks on a white background.

## Color Contrast Check

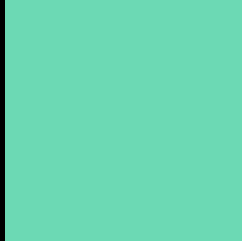
Large Text (above 18pt) WCAG AA × Fail

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 7133620 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 7133620 Background



This preview shows how black text looks on a background with the Decimal color 7133620.

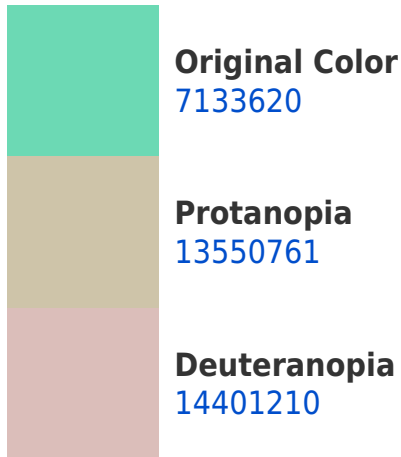


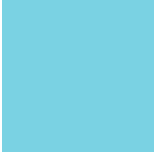
This preview shows how white text looks on a background with the Decimal color 7133620.

# 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**  
8049379

# Trichromacy



**Original Color**  
7133620



**Protanomaly**  
11193517



**Deuteranomaly**  
11782328

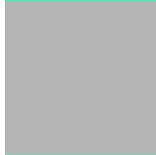


**Tritanomaly**  
7722450

# Monochromacy



**Original Color**  
7133620



**Achromatopsia**  
11842740



**Achromatomaly**  
10142132

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7133620 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 #6CD9B4 looks like.

```
.text, #text, p{  
    color:#6CD9B4  
}
```

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 #6CD9B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CD9B4
}
```

## Border

The CSS property to change the border of an element to Decimal 7133620 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
#6CD9B4 }
```

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

```
.border{ border-color:#6CD9B4 }
```

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

Here you see how a box with a 4 pixel #6CD9B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CD9B4; -webkit-box-shadow:4px 4px  
4px 4px #6CD9B4; box-shadow:4px 4px 4px  
4px #6CD9B4 }
```

# Background

The CSS property to change the background color of an element to Decimal 7133620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CD9B4 }
```

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

```
.background{ background-color:#6CD9B4 }
```

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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