

Converting Colors

Decimal(6737358)

Have a look what the booklet for
Decimal(6737358) contains.

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Color

Decimal(6737358)

Conversions

Conversions Part 1

Format	Color
Hex	66CDCE
RGB	102, 205, 206
RGB Percent	40%, 80%, 81%
CMY	0.6000, 0.1961, 0.1922
CMYK	0.50, 0.00, 0.00, 0.19
HSL	181°, 51%, 60%
HSV	181°, 50%, 81%
XYZ	38.4514, 50.9437, 66.1990
YIQ	174.3170, -61.7090, -21.5250

Conversions

Conversions Part 2

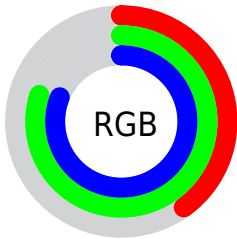
Format	Color
RYB	102, 154, 206
Decimal	6737358
CIELab	76.64, -29.54, -9.70
CIELCh	77, 31.088, 198.179
Yxy	50.9437, 0.2471, 0.3274
Android (android.graphics.Color)	4284927438 (0xFF66CDCE)
YUV	174.3170, 15.6197, -63.4220
Hunter-Lab	71.3748, -28.7436, -5.0282

Details

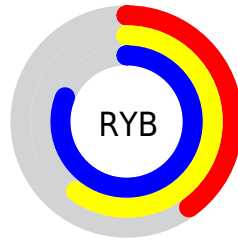
The Decimal color **6737358** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **13526886**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **10551295**, and **2397848** is the 20% darker color. If you saturate the color by 10%, you get **5361102**, and if you desaturate by 10%, it is **8113614**.

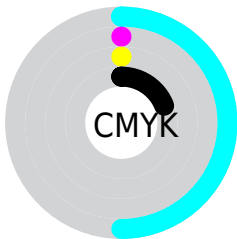
Distribution



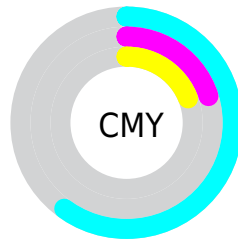
- Red (40%)
- Green (80%)
- Blue (81%)



- Red (40%)
- Yellow (60%)
- Blue (81%)



- Cyan (50%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (60%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6737358 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 6737358 by changing the saturation by 10% instead.

6737358

6737358

16777215

4764083

10551295

2397848

12517375

31870

14417919

25445

16383999

19021

13110

8225

10

0

■ 6737358

■ 6737358

■ 5361102

■ 8113614

■ 4050382

■ 9424334

■ 2673870

■ 10800846

■ 1363150

■ 12111566

■ 52430

■ 13487822

■ 14864078

■ 16174798

■ 16764878

Harmonies

Analogous

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



8309936



6737358



6867687

Triad

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



6737358



14135524



14464901

Complementary

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



6737358



13526886

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.



15773331



6737358



15706570

Square

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



6737358



11713267



16230573



12632454

Rectangle

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



6737358



8111858



16230573



14988424

Sweetspot

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



6737358



14286847



6737510



6913920



0



8421504

Same Dimension

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



6737358



6553343



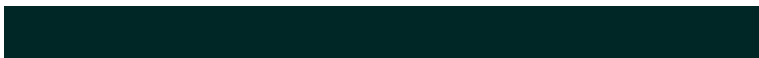
6724302



6055526



42150



9766

Inverse Universe

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



13526733



16737278



13539942



6708326



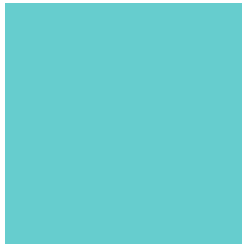
10879140



2490406

Previews

White Background



This preview shows how the Decimal color 6737358 looks on a white background.

Color Contrast Check

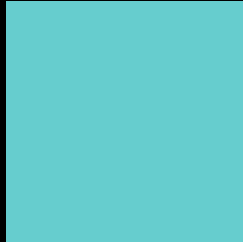
Large Text (above 18pt) WCAG AA × Fail

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 6737358 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 6737358 Background



This preview shows how black text looks on a background with the Decimal color 6737358.

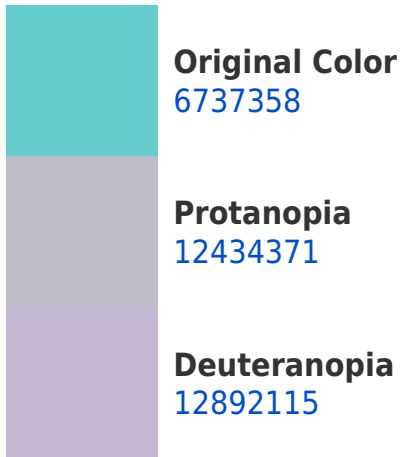


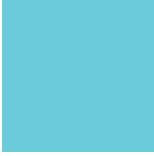
This preview shows how white text looks on a background with the Decimal color 6737358.

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
7064539

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6737358 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 #66CDCE looks like.

```
.text, #text, p{  
    color:#66CDCE  
}
```

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 #66CDCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66CDCE
}
```

Border

The CSS property to change the border of an element to Decimal 6737358 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
#66CDCE }
```

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

```
.border{ border-color:#66CDCE }
```

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

Here you see how a box with a 4 pixel #66CDCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66CDCE; -webkit-box-shadow:4px 4px  
4px 4px #66CDCE; box-shadow:4px 4px 4px  
4px #66CDCE }
```

Background

The CSS property to change the background color of an element to Decimal 6737358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66CDCE }
```

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

```
.background{ background-color:#66CDCE }
```

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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