

Converting Colors

Decimal(6866333)

Have a look what the booklet for
Decimal(6866333) contains.

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Color

Decimal(6866333)

Conversions

Conversions Part 1

Format	Color
Hex	68C59D
RGB	104, 197, 157
RGB Percent	41%, 77%, 62%
CMY	0.5922, 0.2275, 0.3843
CMYK	0.47, 0.00, 0.20, 0.23
HSL	154°, 44%, 59%
HSV	154°, 47%, 77%
XYZ	31.7610, 45.3099, 38.9700
YIQ	164.6330, -42.5880, -32.1560

Conversions

Conversions Part 2

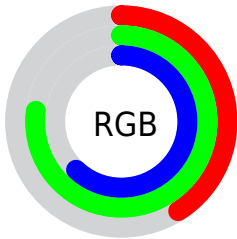
Format	Color
RYB	104, 163, 197
Decimal	6866333
CIELab	73.10, -37.06, 11.61
CIELCh	73, 38.842, 162.603
Yxy	45.3099, 0.2737, 0.3905
Android (android.graphics.Color)	4285056413 (0xFF68C59D)
YUV	164.6330, -3.7631, -53.1751
Hunter-Lab	67.3126, -33.5731, 12.7935

Details

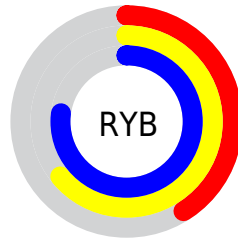
The Decimal color **6866333** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **12937360**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **10550996**, and **3051370** is the 20% darker color. If you saturate the color by 10%, you get **5555605**, and if you desaturate by 10%, it is **8177061**.

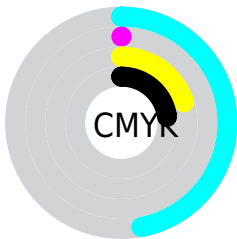
Distribution



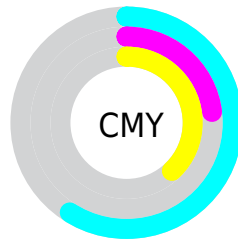
- Red (41%)
- Green (77%)
- Blue (62%)



- Red (41%)
- Yellow (64%)
- Blue (77%)



- Cyan (47%)
- Magenta (0%)
- Yellow (20%)
- Black (23%)



- Cyan (59%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6866333 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 6866333 by changing the saturation by 10% instead.



6866333



6866333

16777215



5024131



10550996



3051370



12386288



226385



14286847



23354



16252927



17189



11280



4864



0



6866333



6866333

■ 5555605

■ 8177061

■ 4310412

■ 9422254

■ 2999684

■ 10732982

■ 1688955

■ 12043711

■ 443763

■ 13354439

■ 50544

■ 14599632

■ 15910360

■ 16762337

■ 16762345

Harmonies

Analogous

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



9813886



6866333



3590082

Triad

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



6866333



10072825



15965829

Complementary

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



6866333



12937360

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.



16357542



6866333



13346280

Square

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



6866333



6012407



15506122



14527088

Rectangle

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



6866333



1820121



15506122



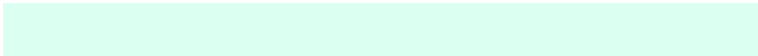
16227215

Sweetspot

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



6866333



14417904



9487720



6979702



0



8421504

Same Dimension

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



6866333



7274432



6864837



5923679



41821



9236

Inverse Universe

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



12937360



16740012



12938856



6511198



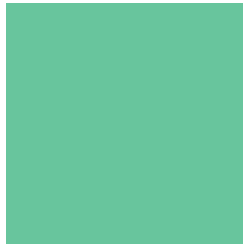
10682438



2359311

Previews

White Background



This preview shows how the Decimal color 6866333 looks on a white background.

Color Contrast Check

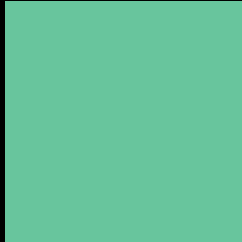
Large Text (above 18pt) WCAG AA × Fail

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 6866333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

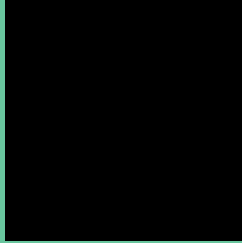
Any Text WCAG AA ✓ Pass

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 6866333 Background



This preview shows how black text looks on a background with the Decimal color 6866333.



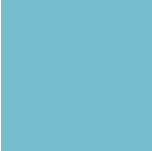
This preview shows how white text looks on a background with the Decimal color 6866333.

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
7716558

Trichromacy



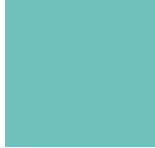
Original Color
6866333



Protanomaly
10336663



Deuteranomaly
10925472



Tritanomaly
7389628

Monochromacy



Original Color
6866333



Achromatopsia
10855845



Achromatomaly
9417122

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6866333 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 #68C59D looks like.

```
.text, #text, p{  
    color:#68C59D  
}
```

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 #68C59D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68C59D
}
```

Border

The CSS property to change the border of an element to Decimal 6866333 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
#68C59D }
```

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

```
.border{ border-color:#68C59D }
```

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

Here you see how a box with a 4 pixel #68C59D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68C59D; -webkit-box-shadow:4px 4px  
4px 4px #68C59D; box-shadow:4px 4px 4px  
4px #68C59D }
```

Background

The CSS property to change the background color of an element to Decimal 6866333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68C59D }
```

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

```
.background{ background-color:#68C59D }
```

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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