

Converting Colors

Decimal(6668965)

Have a look what the booklet for
Decimal(6668965) contains.

Decimal(6668965)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6668965)

Conversions

Conversions Part 1

Format	Color
Hex	65C2A5
RGB	101, 194, 165
RGB Percent	40%, 76%, 65%
CMY	0.6039, 0.2392, 0.3529
CMYK	0.48, 0.00, 0.15, 0.24
HSL	161°, 43%, 58%
HSV	161°, 48%, 76%
XYZ	31.4501, 44.0669, 42.4455
YIQ	162.8870, -46.1190, -28.7350

Conversions

Conversions Part 2

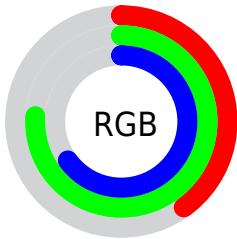
Format	Color
RYB	101, 156, 194
Decimal	6668965
CIELab	72.27, -34.66, 6.09
CIElCh	72, 35.188, 170.027
Yxy	44.0669, 0.2666, 0.3736
Android (android.graphics.Color)	4284859045 (0xFF65C2A5)
YUV	162.8870, 1.0417, -54.2749
Hunter-Lab	66.3829, -31.6023, 8.5578

Details

The Decimal color **6668965** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **12739970**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **10353628**, and **2788465** is the 20% darker color. If you saturate the color by 10%, you get **5423775**, and if you desaturate by 10%, it is **7914155**.

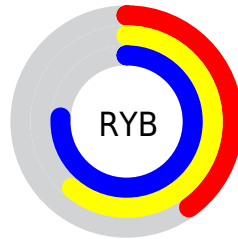
Distribution



Red (40%)

Green (76%)

Blue (65%)



Red (40%)

Yellow (61%)

Blue (76%)

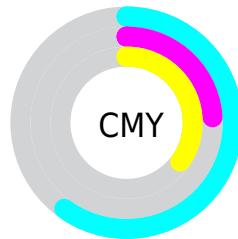


Cyan (48%)

Magenta (0%)

Yellow (15%)

Black (24%)



Cyan (60%)

Magenta (24%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6668965 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 6668965 by changing the saturation by 10% instead.



6668965



6668965

16777215



4827019



10353628



2788465



12255224



29273



14155775



22849



16056319



16683



10775



3840



0



6668965



6668965

■ 5423775

■ 7914155

■ 4113049

■ 9224881

■ 2867859

■ 10470071

■ 1557133

■ 11780797

■ 311943

■ 13025987

■ 49798

■ 14271177

■ 15581903

■ 16761557

■ 16761563

Harmonies

Analogous

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



9223815



6668965



4375494

Triad

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



6668965



10923501



15245697

Complementary

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



6668965



12739970

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.



15833757



6668965



13607387

Square

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



6668965



7583984



15309501



13741170

Rectangle

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



6668965



4112858



15309501



15507081

Sweetspot

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



6668965



14286065



8569445



6979705



0



8421504

Same Dimension

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



6668965



7011535



6664642



5726558



41327



8471

Inverse Universe

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



12739970



16542360



12744293



6379354



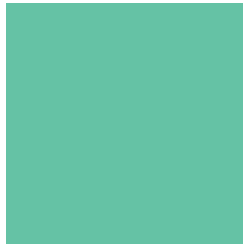
10551346



2162698

Previews

White Background



This preview shows how the Decimal color 6668965 looks on a white background.

Color Contrast Check

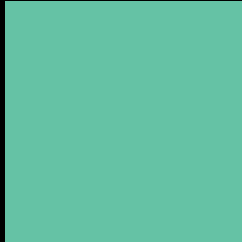
Large Text (above 18pt) WCAG AA × Fail

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 6668965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

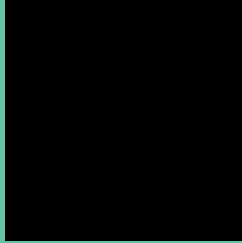
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

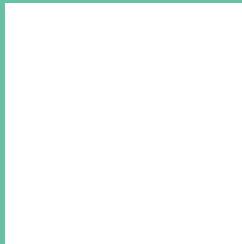
Any Text WCAG AAA ✓ Pass

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

Decimal 6668965 Background



This preview shows how black text looks on a background with the Decimal color 6668965.



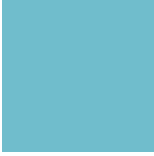
This preview shows how white text looks on a background with the Decimal color 6668965.

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
7388620

Trichromacy



Original Color
6668965



Protanomaly
10139551



Deuteranomaly
10597288



Tritanomaly
7126974

Monochromacy



Original Color
6668965



Achromatopsia
10724259



Achromatomaly
9219748

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6668965 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 #65C2A5 looks like.

```
.text, #text, p{  
    color:#65C2A5  
}
```

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 #65C2A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65C2A5
}
```

Border

The CSS property to change the border of an element to Decimal 6668965 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
#65C2A5 }
```

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

```
.border{ border-color:#65C2A5 }
```

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

Here you see how a box with a 4 pixel #65C2A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65C2A5; -webkit-box-shadow:4px 4px  
4px 4px #65C2A5; box-shadow:4px 4px 4px  
4px #65C2A5 }
```

Background

The CSS property to change the background color of an element to Decimal 6668965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65C2A5 }
```

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

```
.background{ background-color:#65C2A5 }
```

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