

Converting Colors

Decimal(6667396)

Have a look what the booklet for
Decimal(6667396) contains.

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Color

Decimal(6667396)

Conversions

Conversions Part 1

Format	Color
Hex	65BC84
RGB	101, 188, 132
RGB Percent	40%, 74%, 52%
CMY	0.6039, 0.2627, 0.4824
CMYK	0.46, 0.00, 0.30, 0.26
HSL	141°, 39%, 57%
HSV	141°, 46%, 74%
XYZ	27.5149, 40.3991, 28.1774
YIQ	155.6030, -33.8760, -35.8600

Conversions

Conversions Part 2

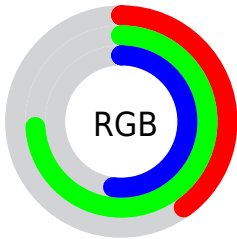
Format	Color
RYB	101, 165, 188
Decimal	6667396
CIELab	69.75, -38.86, 20.40
CIELCh	70, 43.892, 152.306
Yxy	40.3991, 0.2863, 0.4204
Android (android.graphics.Color)	4284857476 (0xFF65BC84)
YUV	155.6030, -11.6363, -47.8868
Hunter-Lab	63.5603, -33.9588, 18.2079

Details

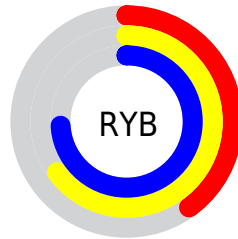
The Decimal color **6667396** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **12346781**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **10286521**, and **2983506** is the 20% darker color. If you saturate the color by 10%, you get **5422200**, and if you desaturate by 10%, it is **7912592**.

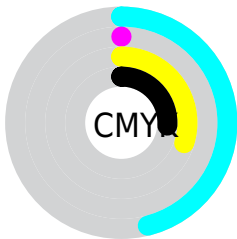
Distribution



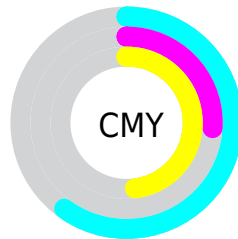
- Red (40%)
- Green (74%)
- Blue (52%)



- Red (40%)
- Yellow (65%)
- Blue (74%)



- Cyan (46%)
- Magenta (0%)
- Yellow (30%)
- Black (26%)



- Cyan (60%)
- Magenta (26%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6667396 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 6667396 by changing the saturation by 10% instead.



6667396



6667396

16777215



4890987



10286521



2983506



12124117



289851



14024690



21284



15925247



15119



9728



0



6667396



6667396



5422200



7912592

■ 4177004

■ 9157788

■ 2997344

■ 10337448

■ 1752148

■ 11582644

■ 506951

■ 12827841

■ 48195

■ 14073037

■ 15318233

■ 16497893

■ 16760049

Harmonies

Analogous

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



9942373



6667396



835500

Triad

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



6667396



7384570



16027522

Complementary

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



6667396



12346781

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.



16091817



6667396



11706350

Square

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



6667396



47344



14651856



14785381

Rectangle

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



6667396



49095



14651856



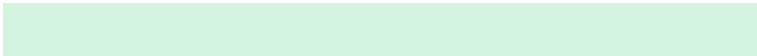
16223374

Sweetspot

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



6667396



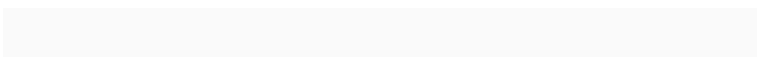
13891039



10402917



6716013



16448250



8026746

Same Dimension

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



6667396



7140765



6667439



5594712



40504



7947

Inverse Universe

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



12346781



16084164



12346738



6182235



10354790



2031636

Previews

White Background



This preview shows how the Decimal color 6667396 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 6667396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

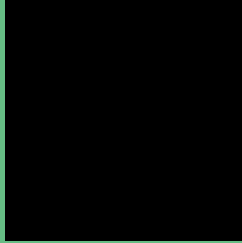
Any Text WCAG AA ✓ Pass

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 6667396 Background



This preview shows how black text looks on a background with the Decimal color 6667396.

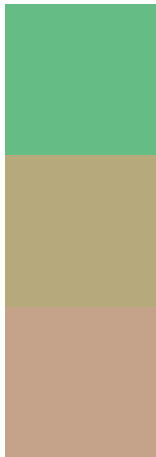


This preview shows how white text looks on a background with the Decimal color 6667396.

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](#).

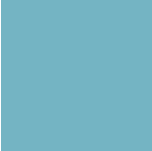
Dichromacy



Original Color
6667396

Protanopia
11970940

Deuteranopia
12952458

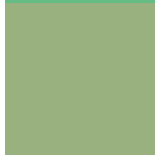


Tritanopia
7648451

Trichromacy



Original Color
6667396



Protanomaly
10072191



Deuteranomaly
10661000



Tritanomaly
7321516

Monochromacy



Original Color
6667396



Achromatopsia
10263708



Achromatomaly
8956051

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6667396 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 #65BC84 looks like.

```
.text, #text, p{  
    color:#65BC84  
}
```

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 #65BC84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65BC84
}
```

Border

The CSS property to change the border of an element to Decimal 6667396 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
#65BC84 }
```

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

```
.border{ border-color:#65BC84 }
```

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

Here you see how a box with a 4 pixel #65BC84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65BC84; -webkit-box-shadow:4px 4px  
4px 4px #65BC84; box-shadow:4px 4px 4px  
4px #65BC84 }
```

Background

The CSS property to change the background color of an element to Decimal 6667396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65BC84 }
```

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

```
.background{ background-color:#65BC84 }
```

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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