

Converting Colors

Decimal(6604449)

Have a look what the booklet for
Decimal(6604449) contains.

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Color

Decimal(6604449)

Conversions

Conversions Part 1

Format	Color
Hex	64C6A1
RGB	100, 198, 161
RGB Percent	39%, 78%, 63%
CMY	0.6078, 0.2235, 0.3686
CMYK	0.49, 0.00, 0.19, 0.22
HSL	157°, 46%, 58%
HSV	157°, 49%, 78%
XYZ	31.8826, 45.6707, 40.8531
YIQ	164.4800, -46.5310, -32.2830

Conversions

Conversions Part 2

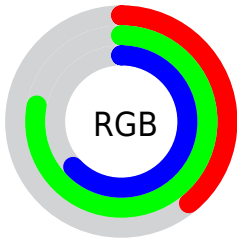
Format	Color
RYB	100, 160, 198
Decimal	6604449
CIELab	73.33, -37.64, 9.77
CIELCh	73, 38.886, 165.451
Yxy	45.6707, 0.2693, 0.3857
Android (android.graphics.Color)	4284794529 (0xFF64C6A1)
YUV	164.4800, -1.7156, -56.5490
Hunter-Lab	67.5801, -34.0533, 11.4644

Details

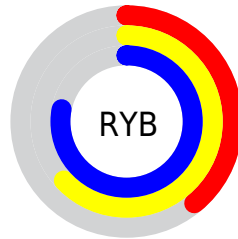
The Decimal color **6604449** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **13001865**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **10289112**, and **2658157** is the 20% darker color. If you saturate the color by 10%, you get **5293722**, and if you desaturate by 10%, it is **7915176**.

Distribution



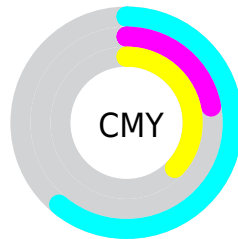
- Red (39%)
- Green (78%)
- Blue (63%)



- Red (39%)
- Yellow (63%)
- Blue (78%)



- Cyan (49%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)



- Cyan (61%)
- Magenta (22%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6604449 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 6604449 by changing the saturation by 10% instead.

6604449

6604449

16777215

4696711

10289112

2658157

12189684

30037

14090239

23614

16056319

17448

11539

5120

0

6604449

6604449

■ 5293722

■ 7915176

■ 3982994

■ 9225904

■ 2737803

■ 10471095

■ 1427075

■ 11781823

■ 116348

■ 13092550

■ 50811

■ 14403278

■ 15714005

■ 16762589

■ 16762596

Harmonies

Analogous

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



9552257



6604449



3262406

Triad

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



6604449



10465785



15900803

Complementary

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



6604449



13001865

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.



16423331



6604449



13608166

Square

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



6604449



6471160



15702727



14396527

Rectangle

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



6604449



1885916



15702727



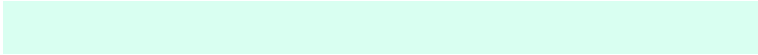
16227725

Sweetspot

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



6604449



14286833



9094756



6914167



0



8421504

Same Dimension

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



6604449



6946758



6601670



5923680



41830



9238

Inverse Universe

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



13001865



16738721



13004644



6511197



10682430



2359309

Previews

White Background



This preview shows how the Decimal color 6604449 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 6604449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

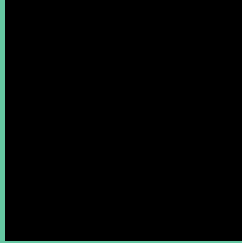
Any Text WCAG AA ✓ Pass

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 6604449 Background



This preview shows how black text looks on a background with the Decimal color 6604449.



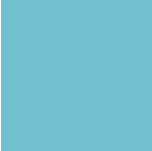
This preview shows how white text looks on a background with the Decimal color 6604449.

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
7454927

Trichromacy



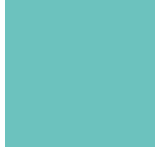
Original Color
6604449



Protanomaly
10271387



Deuteranomaly
10794660



Tritanomaly
7127742

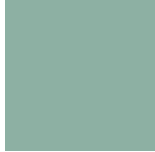
Monochromacy



Original Color
6604449



Achromatopsia
10790052



Achromatomaly
9285795

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6604449 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 #64C6A1 looks like.

```
.text, #text, p{  
    color:#64C6A1  
}
```

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 #64C6A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C6A1
}
```

Border

The CSS property to change the border of an element to Decimal 6604449 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
#64C6A1 }
```

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

```
.border{ border-color:#64C6A1 }
```

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

Here you see how a box with a 4 pixel #64C6A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C6A1; -webkit-box-shadow:4px 4px  
4px 4px #64C6A1; box-shadow:4px 4px 4px  
4px #64C6A1 }
```

Background

The CSS property to change the background color of an element to Decimal 6604449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C6A1 }
```

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

```
.background{ background-color:#64C6A1 }
```

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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