

Converting Colors

Decimal(6599809)

Have a look what the booklet for
Decimal(6599809) contains.

Decimal(6599809)	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(6599809)

Conversions

Conversions Part 1

Format	Color
Hex	64B481
RGB	100, 180, 129
RGB Percent	39%, 71%, 51%
CMY	0.6078, 0.2941, 0.4941
CMYK	0.44, 0.00, 0.28, 0.29
HSL	142°, 35%, 55%
HSV	142°, 44%, 71%
XYZ	25.5392, 36.9368, 26.5523
YIQ	150.2660, -31.3090, -32.8210

Conversions

Conversions Part 2

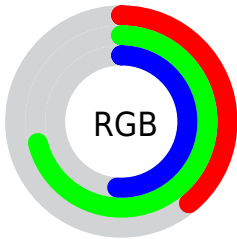
Format	Color
RYB	100, 159, 180
Decimal	6599809
CIELab	67.23, -36.10, 18.55
CIELCh	67, 40.588, 152.809
Yxy	36.9368, 0.2869, 0.4149
Android (android.graphics.Color)	4284789889 (0xFF64B481)
YUV	150.2660, -10.4841, -44.0833
Hunter-Lab	60.7757, -31.3479, 16.6397

Details

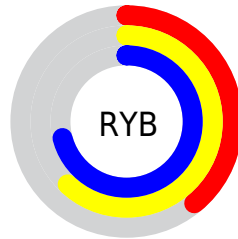
The Decimal color **6599809** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **11822231**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **10218678**, and **2981711** is the 20% darker color. If you saturate the color by 10%, you get **5420150**, and if you desaturate by 10%, it is **7779468**.

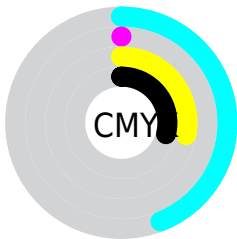
Distribution



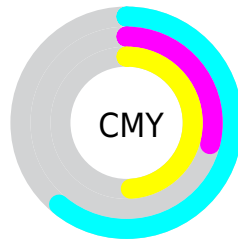
- Red (39%)
- Green (71%)
- Blue (51%)



- Red (39%)
- Yellow (62%)
- Blue (71%)



- Cyan (44%)
- Magenta (0%)
- Yellow (28%)
- Black (29%)



- Cyan (61%)
- Magenta (29%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6599809 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 6599809 by changing the saturation by 10% instead.



6599809



6599809

16777215



4823400



10218678



2981711



12058578



681272



13893614



19490



15794175



13581



8448



0



6599809



6599809



5420150



7779468

■ 4240490

■ 8959128

■ 3060831

■ 10138787

■ 1881171

■ 11318447

■ 701512

■ 12498106

■ 46145

■ 13677766

■ 14857425

■ 16037085

■ 16757992

Harmonies

Analogous

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



9547109



6599809



2340774

Triad

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



6599809



7448300



1524062

Complementary

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



6599809



11822231

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.



15238818



6599809



11311585

Square

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



6599809



1618148



13929670



14063203

Rectangle

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



6599809



47039



13929670



15370377

Sweetspot

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



6599809



13429719



10007652



6518121



16119285



7697781

Same Dimension

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



6599809



7269275



6599848



5265748



39223



6665

Inverse Universe

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



11822231



15429310



11822192



5853270



10027106



1703952

Previews

White Background



This preview shows how the Decimal color 6599809 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 6599809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

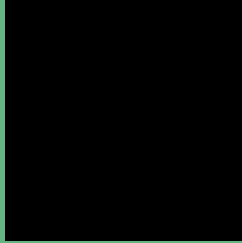
Any Text WCAG AA ✓ Pass

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 6599809 Background



This preview shows how black text looks on a background with the Decimal color 6599809.




This preview shows how white text looks on a background with the Decimal color 6599809.

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
7515578

Trichromacy



Original Color
6599809



Protanomaly
9677180



Deuteranomaly
10265988

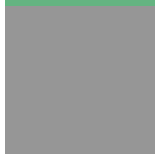


Tritanomaly
7188645

Monochromacy



Original Color
6599809



Achromatopsia
9868950



Achromatomaly
8692110

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6599809 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 #64B481 looks like.

```
.text, #text, p{  
    color:#64B481  
}
```

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 #64B481 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B481
}
```

Border

The CSS property to change the border of an element to Decimal 6599809 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
#64B481 }
```

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

```
.border{ border-color:#64B481 }
```

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

Here you see how a box with a 4 pixel #64B481 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B481; -webkit-box-shadow:4px 4px  
4px 4px #64B481; box-shadow:4px 4px 4px  
4px #64B481 }
```

Background

The CSS property to change the background color of an element to Decimal 6599809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B481 }
```

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

```
.background{ background-color:#64B481 }
```

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