

Converting Colors

Decimal(6534794)

Have a look what the booklet for
Decimal(6534794) contains.

Decimal(6534794)	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(6534794)

Conversions

Conversions Part 1

Format	Color
Hex	63B68A
RGB	99, 182, 138
RGB Percent	39%, 71%, 54%
CMY	0.6118, 0.2863, 0.4588
CMYK	0.46, 0.00, 0.24, 0.29
HSL	148°, 36%, 55%
HSV	148°, 46%, 71%
XYZ	26.4610, 37.9435, 29.9739
YIQ	152.1670, -35.3440, -31.2800

Conversions

Conversions Part 2

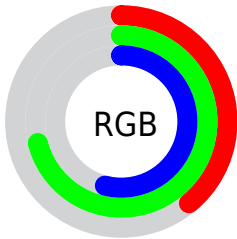
Format	Color
RYB	99, 155, 182
Decimal	6534794
CIELab	67.98, -35.50, 14.69
CIElCh	68, 38.415, 157.522
Yxy	37.9435, 0.2804, 0.4020
Android (android.graphics.Color)	4284724874 (0xFF63B68A)
YUV	152.1670, -6.9843, -46.6275
Hunter-Lab	61.5983, -31.1182, 14.2681

Details

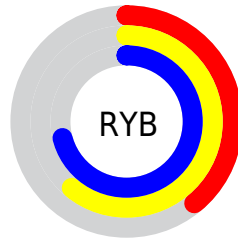
The Decimal color **6534794** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **11953039**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **10153664**, and **2850904** is the 20% darker color. If you saturate the color by 10%, you get **5355136**, and if you desaturate by 10%, it is **7714452**.

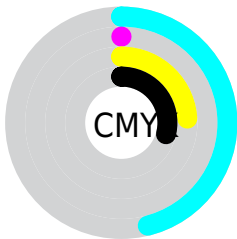
Distribution



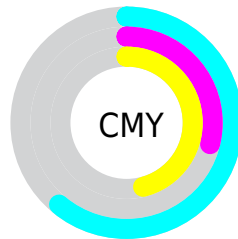
- Red (39%)
- Green (71%)
- Blue (54%)



- Red (39%)
- Yellow (61%)
- Blue (71%)



- Cyan (46%)
- Magenta (0%)
- Yellow (24%)
- Black (29%)



- Cyan (61%)
- Magenta (29%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6534794 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 6534794 by changing the saturation by 10% instead.



6534794



6534794

16777215



4758384



10153664



2850904



11993051



288576



13828088



20010



15794175



14101



8960



0



6534794



6534794



5355136



7714452

■ 4175479

■ 8894109

■ 2930285

■ 10139303

■ 1750627

■ 11318961

■ 570970

■ 12498618

■ 46678

■ 13678276

■ 14857934

■ 16103127

■ 16758497

Harmonies

Analogous

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



9351277



6534794



2996398

Triad

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



6534794



8496874



15044477

Complementary

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



6534794



11953039

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.



15239838



6534794



11901405

Square

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



6534794



4239589



14192321



13802086

Rectangle

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



6534794



47045



14192321



15240583

Sweetspot

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



6534794



13430236



9418339



6518893



16250871



7895160

Same Dimension

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



6534794



7073192



6534835



5463127



40009



7181

Inverse Universe

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



11953039



15559600



11952998



6050647



10223698



1835023

Previews

White Background



This preview shows how the Decimal color 6534794 looks on a white background.

Color Contrast Check

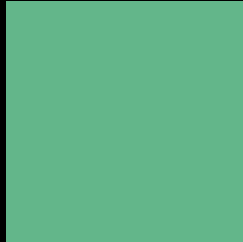
Large Text (above 18pt) WCAG AA × Fail

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 6534794 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 6534794 Background



This preview shows how black text looks on a background with the Decimal color 6534794.



This preview shows how white text looks on a background with the Decimal color 6534794.

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
7385021

Trichromacy



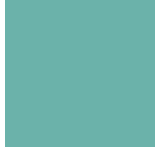
Original Color
6534794



Protanomaly
9677701



Deuteranomaly
10266509



Tritanomaly
7058090

Monochromacy



Original Color
6534794



Achromatopsia
10000536



Achromatomaly
8758163

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6534794 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 #63B68A looks like.

```
.text, #text, p{  
    color:#63B68A  
}
```

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 #63B68A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B68A
}
```

Border

The CSS property to change the border of an element to Decimal 6534794 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
#63B68A }
```

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

```
.border{ border-color:#63B68A }
```

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

Here you see how a box with a 4 pixel #63B68A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B68A; -webkit-box-shadow:4px 4px  
4px 4px #63B68A; box-shadow:4px 4px 4px  
4px #63B68A }
```

Background

The CSS property to change the background color of an element to Decimal 6534794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B68A }
```

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

```
.background{ background-color:#63B68A }
```

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