

Converting Colors

Decimal(6340992)

Have a look what the booklet for
Decimal(6340992) contains.

Decimal(6340992)	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(6340992)

Conversions

Conversions Part 1

Format	Color
Hex	60C180
RGB	96, 193, 128
RGB Percent	38%, 76%, 50%
CMY	0.6235, 0.2431, 0.4980
CMYK	0.50, 0.00, 0.34, 0.24
HSL	140°, 44%, 57%
HSV	140°, 50%, 76%
XYZ	27.7901, 42.1852, 27.0999
YIQ	156.5870, -36.9470, -40.7790

Conversions

Conversions Part 2

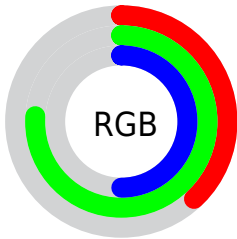
Format	Color
RYB	96, 169, 193
Decimal	6340992
CIELab	71.00, -43.13, 24.19
CIELCh	71, 49.455, 150.714
Yxy	42.1852, 0.2863, 0.4346
Android (android.graphics.Color)	4284531072 (0xFF60C180)
YUV	156.5870, -14.0934, -53.1348
Hunter-Lab	64.9502, -37.2883, 20.7268

Details

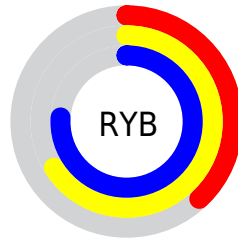
The Decimal color **6340992** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **12673185**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **10025653**, and **2394958** is the 20% darker color. If you saturate the color by 10%, you get **5095795**, and if you desaturate by 10%, it is **7586189**.

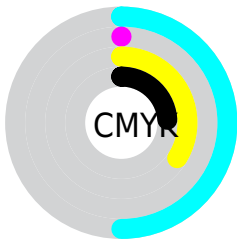
Distribution



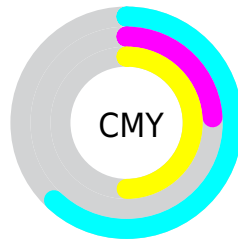
- Red (38%)
- Green (76%)
- Blue (50%)



- Red (38%)
- Yellow (66%)
- Blue (76%)



- Cyan (50%)
- Magenta (0%)
- Yellow (34%)
- Black (24%)



- Cyan (62%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6340992 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 6340992 by changing the saturation by 10% instead.



6340992



6340992

16777215



4433255



10025653



2394958



11927505



28983



13828077



22304



15728639



16138



10496



1792



0



6340992



6340992

■ 5095795

■ 7586189

■ 3785062

■ 8896922

■ 2539865

■ 10142119

■ 1294668

■ 11387316

■ 49472

■ 12698049

■ 13943246

■ 15188443

■ 16433639

■ 16761332

Harmonies

Analogous

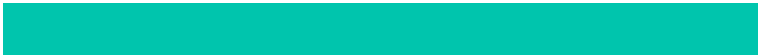
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10139997



6340992



50605

Triad

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



6340992



6402815



16747906

Complementary

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



6340992



12673185

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.



16746670



6340992



11707131

Square

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



6340992



48891



15110619



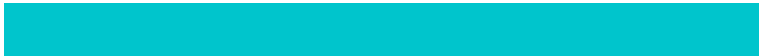
15506272

Rectangle

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



6340992



50636



15110619



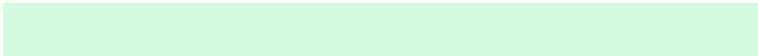
16747152

Sweetspot

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



6340992



13957857



10666336



6716782



16579836



8224125

Same Dimension

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



6340992



6617749



6341039



5726554



41269



8459

Inverse Universe

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



12673185



16409800



12673138



6379358



10551404



2162710

Previews

White Background



This preview shows how the Decimal color 6340992 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 6340992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

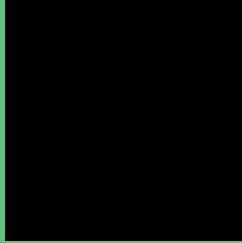
Any Text WCAG AA ✓ Pass

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 6340992 Background



This preview shows how black text looks on a background with the Decimal color 6340992.



This preview shows how white text looks on a background with the Decimal color 6340992.

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
7518407

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6340992 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 #60C180 looks like.

```
.text, #text, p{  
    color:#60C180  
}
```

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 #60C180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60C180
}
```

Border

The CSS property to change the border of an element to Decimal 6340992 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
#60C180 }
```

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

```
.border{ border-color:#60C180 }
```

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

Here you see how a box with a 4 pixel #60C180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60C180; -webkit-box-shadow:4px 4px  
4px 4px #60C180; box-shadow:4px 4px 4px  
4px #60C180 }
```

Background

The CSS property to change the background color of an element to Decimal 6340992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60C180 }
```

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

```
.background{ background-color:#60C180 }
```

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