

Converting Colors

Decimal(6404508)

Have a look what the booklet for
Decimal(6404508) contains.

Decimal(6404508)	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(6404508)

Conversions

Conversions Part 1

Format	Color
Hex	61B99C
RGB	97, 185, 156
RGB Percent	38%, 73%, 61%
CMY	0.6196, 0.2745, 0.3882
CMYK	0.48, 0.00, 0.16, 0.27
HSL	160°, 39%, 55%
HSV	160°, 48%, 73%
XYZ	28.2795, 39.6396, 37.6132
YIQ	155.3820, -43.1390, -27.6750

Conversions

Conversions Part 2

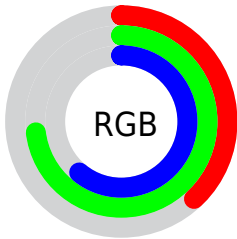
Format	Color
RYB	97, 150, 185
Decimal	6404508
CIELab	69.21, -33.50, 6.59
CIElCh	69, 34.139, 168.878
Yxy	39.6396, 0.2680, 0.3756
Android (android.graphics.Color)	4284594588 (0xFF61B99C)
YUV	155.3820, 0.3047, -51.2010
Hunter-Lab	62.9600, -30.0039, 8.6513

Details

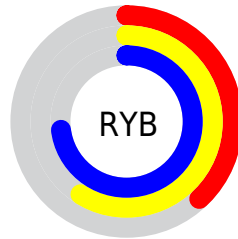
The Decimal color **6404508** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **12149118**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **10023634**, and **2589545** is the 20% darker color. If you saturate the color by 10%, you get **5159318**, and if you desaturate by 10%, it is **7584162**.

Distribution



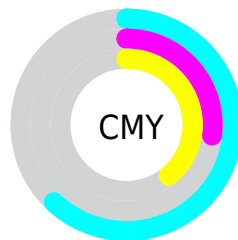
- Red (38%)
- Green (73%)
- Blue (61%)



- Red (38%)
- Yellow (59%)
- Blue (73%)



- Cyan (48%)
- Magenta (0%)
- Yellow (16%)
- Black (27%)



- Cyan (62%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6404508 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 6404508 by changing the saturation by 10% instead.

6404508

6404508

16777215

4562562

10023634

2589545

11927535

27217

13762559

20794

15728639

14628

9231

0

6404508

6404508

5159318

7584162

 3979664

 8829352

 2734474

 10074542

 1554820

 11254196

 309630

 12433850

 47484

 13679041

 14924231

 16103885

 16759251

Harmonies

Analogous

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



8893823



6404508



4176572

Triad

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



6404508



10266083



14588284

Complementary

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



6404508



12149118

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.



15110806



6404508



12950226

Square

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



6404508



7122917



14586806



13149036

Rectangle

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



6404508



3782863



14586806



14849668

Sweetspot

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



6404508



13562085



8304993



6518897



16250871



7895160

Same Dimension

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



6404508



6811843



6400697



5463129



40040



7187

Inverse Universe

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



12149118



15755156



12152929



6050646



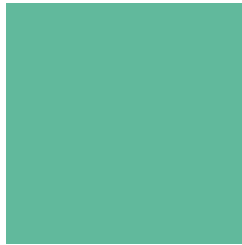
10223667



1835017

Previews

White Background



This preview shows how the Decimal color 6404508 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 6404508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

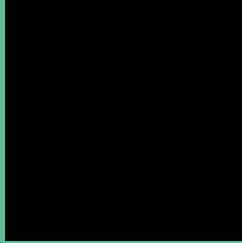
Any Text WCAG AA ✓ Pass

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 6404508 Background



This preview shows how black text looks on a background with the Decimal color 6404508.



This preview shows how white text looks on a background with the Decimal color 6404508.

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





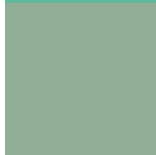
Tritanopia
7124162

Trichromacy



Original Color

6404508



Protanomaly

9678486



Deuteranomaly

10136223



Tritanomaly

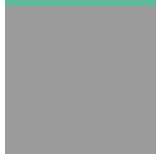
6862516

Monochromacy



Original Color

6404508



Achromatopsia

10197915



Achromatomaly

8824475

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6404508 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 #61B99C looks like.

```
.text, #text, p{  
    color:#61B99C  
}
```

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 #61B99C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B99C  
}
```

Border

The CSS property to change the border of an element to Decimal 6404508 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  
#61B99C }
```

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

```
.border{ border-color:#61B99C }
```

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

Here you see how a box with a 4 pixel #61B99C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B99C; -webkit-box-shadow:4px 4px  
4px 4px #61B99C; box-shadow:4px 4px 4px  
4px #61B99C }
```

Background

The CSS property to change the background color of an element to Decimal 6404508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B99C }
```

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

```
.background{ background-color:#61B99C }
```

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