

# Converting Colors

Decimal(6588300)

Have a look what the booklet for  
Decimal(6588300) contains.

<b>Decimal(6588300)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(6588300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	64878C
RGB	100, 135, 140
RGB Percent	39%, 53%, 55%
CMY	0.6078, 0.4706, 0.4510
CMYK	0.29, 0.04, 0.00, 0.45
HSL	188°, 17%, 47%
HSV	188°, 29%, 55%
XYZ	18.6531, 21.9307, 28.0609
YIQ	125.1050, -22.4650, -5.8650

# Conversions

## Conversions Part 2

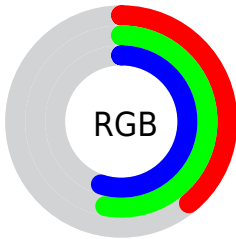
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 119, 140
Decimal	6588300
CIE <sub>Lab</sub>	53.95, -10.96, -6.67
CIE <sub>LCh</sub>	54, 12.828, 211.308
Yxy	21.9307, 0.2717, 0.3195
Android (android.graphics.Color)	4284778380 (0xFF64878C)
YUV	125.1050, 7.3432, -22.0171
Hunter-Lab	46.8302, -10.8539, -2.7456

# Details

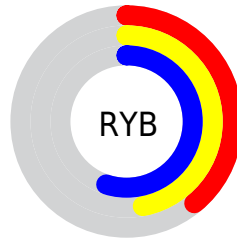
The Decimal color **6588300** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9202020**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **10009794**, and **3364186** is the 20% darker color. If you saturate the color by 10%, you get **5670284**, and if you desaturate by 10%, it is **7506316**.

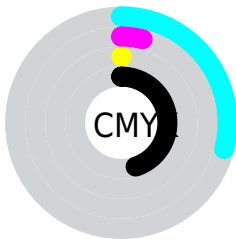
# Distribution



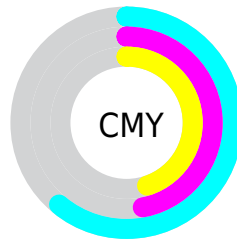
- Red (39%)
- Green (53%)
- Blue (55%)



- Red (39%)
- Yellow (47%)
- Blue (55%)



- Cyan (29%)
- Magenta (4%)
- Yellow (0%)
- Black (45%)



- Cyan (61%)
- Magenta (47%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6588300 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 6588300 by changing the saturation by 10% instead.





6588300



6588300

16777215



4943475



10009794



3364186



11786461



1785411



13628922



141356



15466495



5144



0



6588300



6588300



5670284



7506316



4752524



8424332

■ 3834508

■ 9342092

■ 2916492

■ 10260108

■ 1998476

■ 11178124

■ 1080716

■ 12096140

■ 162700

■ 13013900

■ 31628

■ 13931916

■ 14849932

# Harmonies

## Analogous

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



6784897



6588300



6915476

# Triad

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



6588300



9468812



9011307

# Complementary

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



6588300



9202020

# 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.



9665902



6588300



9927041

# Square

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



6588300



8683156



9992822



8225902

# Rectangle

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



6588300



7439255



9992822



9273195



# Sweetspot

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



6588300



10859445



6589545



5397340



14408667



6052956



# Same Dimension

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



6588300



7843253



6583180



4080709



29829



1029



# Inverse Universe

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



9200775



11892653



9207140



4537924



8716404



327684



# Previews

## White Background



This preview shows how the Decimal color 6588300 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 6588300 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

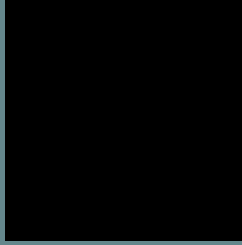
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

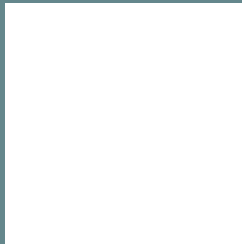
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6588300 Background



This preview shows how black text looks on a background with the Decimal color 6588300.

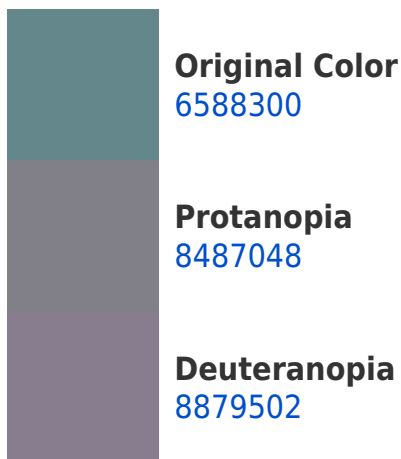


This preview shows how white text looks on a background with the Decimal color 6588300.

# Color Blindness Simulation

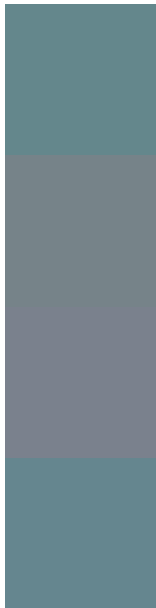
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
6588300

**Protanomaly**  
7766921

**Deuteranomaly**  
8028557

**Tritanomaly**  
6653583

# Monochromacy



**Original Color**  
6588300

**Achromatopsia**  
8224125

**Achromatomaly**  
7635330

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6588300 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 #64878C looks like.

```
.text, #text, p{  
    color:#64878C  
}
```

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 #64878C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64878C
}
```

## Border

The CSS property to change the border of an element to Decimal 6588300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

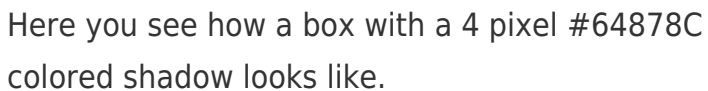
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64878C }
```

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

```
.border{ border-color:#64878C }
```

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



Here you see how a box with a 4 pixel #64878C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64878C; -webkit-box-shadow:4px 4px  
4px 4px #64878C; box-shadow:4px 4px 4px  
4px #64878C }
```

# Background

The CSS property to change the background color of an element to Decimal 6588300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64878C }
```

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

```
.background{ background-color:#64878C }
```

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