

Converting Colors

Decimal(6590349)

Have a look what the booklet for
Decimal(6590349) contains.

Decimal(6590349)	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(6590349)

Conversions

Conversions Part 1

Format	Color
Hex	648F8D
RGB	100, 143, 141
RGB Percent	39%, 56%, 55%
CMY	0.6078, 0.4392, 0.4471
CMYK	0.30, 0.00, 0.01, 0.44
HSL	177°, 18%, 48%
HSV	177°, 30%, 56%
XYZ	19.8857, 24.2773, 28.8372
YIQ	129.9150, -24.9860, -9.7380

Conversions

Conversions Part 2

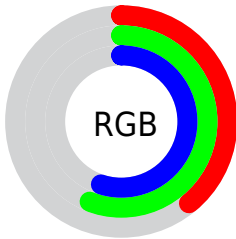
Format	Color
R_{YB}	100, 122, 143
Decimal	6590349
CIE _{Lab}	56.36, -15.09, -3.67
CIE _{LCh}	56, 15.528, 193.678
Yxy	24.2773, 0.2724, 0.3326
Android (android.graphics.Color)	4284780429 (0xFF648F8D)
YUV	129.9150, 5.4649, -26.2355
Hunter-Lab	49.2720, -14.1852, -0.2100

Details

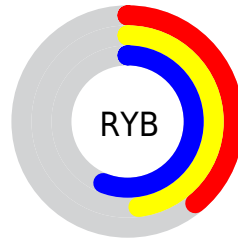
The Decimal color **6590349** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9397350**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **10012099**, and **3366235** is the 20% darker color. If you saturate the color by 10%, you get **5672844**, and if you desaturate by 10%, it is **7507854**.

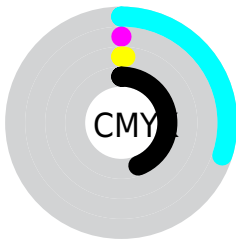
Distribution



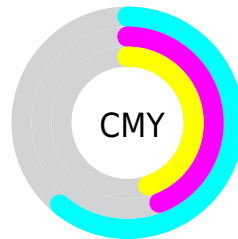
- Red (39%)
- Green (56%)
- Blue (55%)



- Red (39%)
- Yellow (48%)
- Blue (56%)



- Cyan (30%)
- Magenta (0%)
- Yellow (1%)
- Black (44%)



- Cyan (61%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6590349 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 6590349 by changing the saturation by 10% instead.



6590349



6590349

16777215



4945267



10012099



3366235



11854302



1721668



13631227



11821



15532031



6937



0



6590349



6590349



5672844



7507854



4689804



8490894

■ 3772299

■ 9408399

■ 2854794

■ 10325904

■ 1871754

■ 11243408

■ 954249

■ 12226449

■ 36744

■ 13143954

■ 14061458

■ 15044499

Harmonies

Analogous

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



7179903



6590349



6590105

Triad

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



6590349



9536155



10060910

Complementary

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



6590349



9397350

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.



10584181



6590349



10387087

Square

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



6590349



8423073



10714753



9144429

Rectangle

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



6590349



6982815



10714753



10257007

Sweetspot

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



6590349



11123385



6721380



5529182



14606046



6184542

Same Dimension

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



6590349



7846583



6585487



4212551



34689



2055

Inverse Universe

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



9397350



12220282



9402212



4669505



8847366



524288

Previews

White Background



This preview shows how the Decimal color 6590349 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 6590349 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 6590349 Background



This preview shows how black text looks on a background with the Decimal color 6590349.

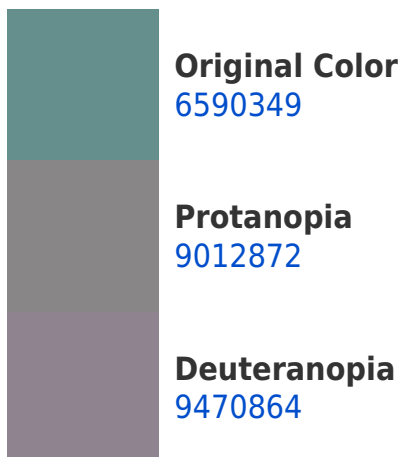


This preview shows how white text looks on a background with the Decimal color 6590349.

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](#).

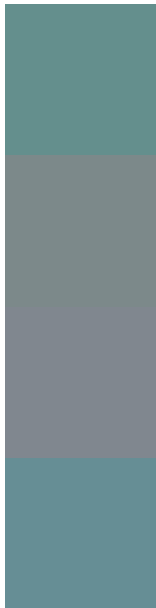
Dichromacy





Tritanopia
6786457

Trichromacy



Original Color
6590349

Protanomaly
8161674

Deuteranomaly
8423311

Tritanomaly
6721173

Monochromacy



Original Color
6590349

Achromatopsia
8553090

Achromatomaly
7833478

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6590349 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 #648F8D looks like.

```
.text, #text, p{  
    color:#648F8D  
}
```

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 #648F8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648F8D
}
```

Border

The CSS property to change the border of an element to Decimal 6590349 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
#648F8D }
```

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

```
.border{ border-color:#648F8D }
```

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

Here you see how a box with a 4 pixel #648F8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648F8D; -webkit-box-shadow:4px 4px  
4px 4px #648F8D; box-shadow:4px 4px 4px  
4px #648F8D }
```

Background

The CSS property to change the background color of an element to Decimal 6590349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648F8D }
```

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

```
.background{ background-color:#648F8D }
```

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