

Converting Colors

Decimal(3313809)

Have a look what the booklet for
Decimal(3313809) contains.

Decimal(3313809)	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(3313809)

Conversions

Conversions Part 1

Format	Color
Hex	329091
RGB	50, 144, 145
RGB Percent	20%, 56%, 57%
CMY	0.8039, 0.4353, 0.4314
CMYK	0.66, 0.01, 0.00, 0.43
HSL	181°, 49%, 38%
HSV	181°, 66%, 57%
XYZ	16.3995, 22.6690, 30.2993
YIQ	116.0080, -56.3450, -19.6170

Conversions

Conversions Part 2

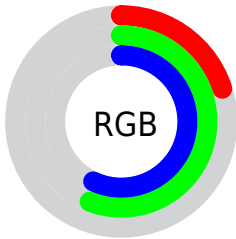
Format	Color
R_{YB}	50, 97, 145
Decimal	3313809
CIE _{Lab}	54.73, -26.51, -8.63
CIE _{LCh}	55, 27.881, 198.021
Yxy	22.6690, 0.2364, 0.3268
Android (android.graphics.Color)	4281503889 (0xFF329091)
YUV	116.0080, 14.2931, -57.8890
Hunter-Lab	47.6119, -21.8382, -4.4026




Details

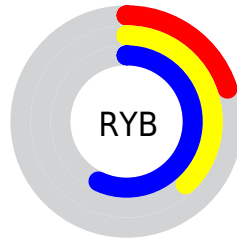
The Decimal color **3313809** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9515826**, and the grayscale version is **7631988**.




A 20% lighter version of the original color is **7194311**, and **23903** is the 20% darker color. If you saturate the color by 10%, you get **2330769**, and if you desaturate by 10%, it is **4296849**.

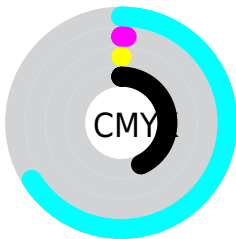
Distribution







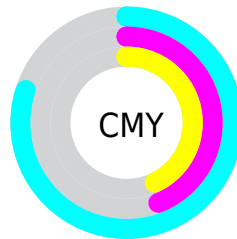
-  Red (20%)
-  Green (56%)
-  Blue (57%)






-  Red (20%)
-  Yellow (38%)
-  Blue (57%)



-  Cyan (66%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (43%)



-  Cyan (80%)
-  Magenta (44%)
-  Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3313809 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 3313809 by changing the saturation by 10% instead.

■ 3313809

■ 3313809

16777215

■ 358007

■ 7194311

■ 23903

■ 9036515

■ 17735

■ 10944511

■ 11825

■ 12845055

■ 6684

■ 14745599

■ 0

16711679

■ 3313809

■ 3313809

■ 2330769

■ 4296849

■ 1413265

■ 5214353

■ 430225

■ 6197393

■ 36753

■ 7115153

■ 8098193

■ 9015697

■ 9998737

■ 10916241

■ 11833745

Harmonies

Analogous

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



5017464



3313809



3313318

Triad

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



3313809



9992355



10255956

Complementary

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



3313809



9515826

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.



11368032



3313809



11301518

Square

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



3313809



7897265



11759989



8750677

Rectangle

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



3313809



4623023



11759989



10648407

Sweetspot

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



3313809



9944253



3313970



4742750



14606046



6184542

Same Dimension

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



3313809



2669501



3301777



4212551



34439



2056

Inverse Universe

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



9515664



12396731



9527602



4669511



8847494



524296

Previews

White Background



This preview shows how the Decimal color 3313809 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 3313809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

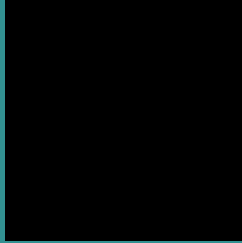
Any Text WCAG AA ✓ Pass

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 3313809 Background



This preview shows how black text looks on a background with the Decimal color 3313809.

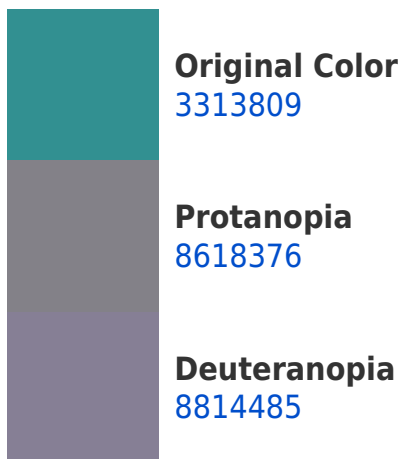


This preview shows how white text looks on a background with the Decimal color 3313809.

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
3313809

Protanomaly
6719115

Deuteranomaly
6784404

Tritanomaly
3510167

Monochromacy



Original Color
3313809

Achromatopsia
7631988

Achromatomaly
6061695

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3313809 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 #329091 looks like.

```
.text, #text, p{  
    color:#329091  
}
```

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 #329091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #329091
}
```

Border

The CSS property to change the border of an element to Decimal 3313809 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
#329091 }
```

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

```
.border{ border-color:#329091 }
```

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

Here you see how a box with a 4 pixel #329091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #329091; -webkit-box-shadow:4px 4px  
4px 4px #329091; box-shadow:4px 4px 4px  
4px #329091 }
```

Background

The CSS property to change the background color of an element to Decimal 3313809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#329091 }
```

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

```
.background{ background-color:#329091 }
```

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