

# Converting Colors

Decimal(6268308)

Have a look what the booklet for  
Decimal(6268308) contains.

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# **Color**

**Decimal(6268308)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FA594
RGB	95, 165, 148
RGB Percent	37%, 65%, 58%
CMY	0.6275, 0.3529, 0.4196
CMYK	0.42, 0.00, 0.10, 0.35
HSL	165°, 28%, 51%
HSV	165°, 42%, 65%
XYZ	23.5197, 31.4813, 32.8538
YIQ	142.1320, -36.2630, -20.1270

# Conversions

## Conversions Part 2

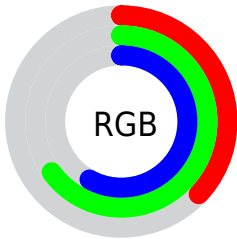
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 135, 165
Decimal	6268308
CIELab	62.91, -26.23, 1.91
CIELCh	63, 26.299, 175.834
Yxy	31.4813, 0.2677, 0.3583
Android (android.graphics.Color)	4284458388 (0xFF5FA594)
YUV	142.1320, 2.8929, -41.3348
Hunter-Lab	56.1082, -23.3647, 4.5588

# Details

The Decimal color **6268308** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10837872**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **9821386**, and **2716001** is the 20% darker color. If you saturate the color by 10%, you get **5219728**, and if you desaturate by 10%, it is **7316888**.

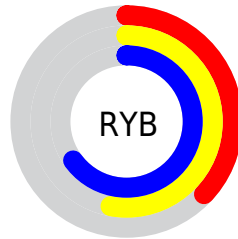
# Distribution



Red (37%)

Green (65%)

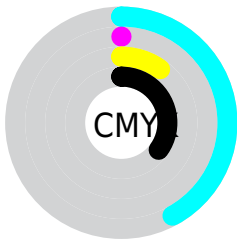
Blue (58%)



Red (37%)

Yellow (53%)

Blue (65%)

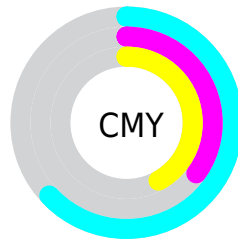


Cyan (42%)

Magenta (0%)

Yellow (10%)

Black (35%)



Cyan (63%)

Magenta (35%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6268308 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 6268308 by changing the saturation by 10% instead.





6268308



6268308

16777215



4491898



9821386



2716001



11663846



415818



13500415



16435



15400959



10782



4613



0



6268308



6268308



5219728



7316888

■ 4105612

■ 8431004

■ 2991496

■ 9479584

■ 1942916

■ 10593700

■ 894336

■ 11642280

■ 42365

■ 12756396

■ 13870512

■ 14919092

■ 15967672

# Harmonies

## Analogous

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



7971453



6268308



5285292

# Triad

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



6268308



9933762



12488306

# Complementary

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



6268308



10837872

# 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.



13076613



6268308



11766963

# Square

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



6268308



7707590



12879772



11310698

# Rectangle

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



6268308



5415865



12879772



12749944



# Sweetspot

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



6268308



12244687



7447903



5925735



15461355



7039851



# Same Dimension

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



6268308



6936252



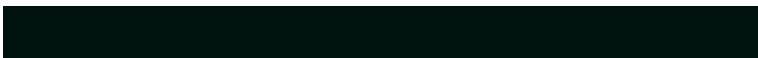
6263717



4805200



37230



4622



# Inverse Universe

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



10837872



14051715



10842463



5392715



9502755

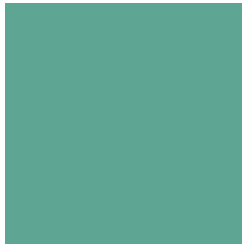


1179652



# Previews

## White Background



This preview shows how the Decimal color 6268308 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 6268308 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 6268308 Background



This preview shows how black text looks on a background with the Decimal color 6268308.

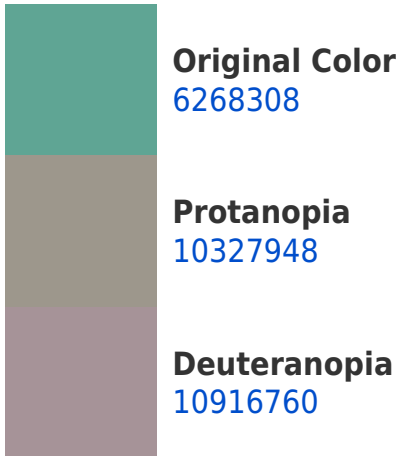


This preview shows how white text looks on a background with the Decimal color 6268308.

# 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

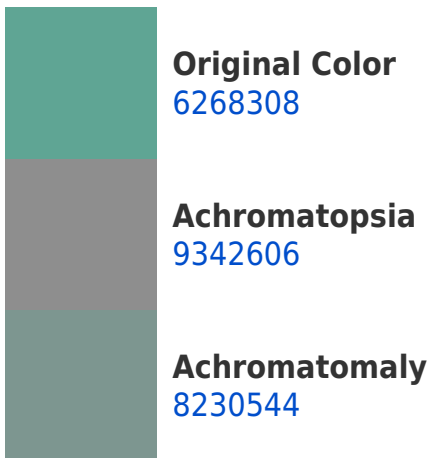




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6268308 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 #5FA594 looks like.

```
.text, #text, p{  
    color:#5FA594  
}
```

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 #5FA594 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FA594
}
```

## Border

The CSS property to change the border of an element to Decimal 6268308 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
#5FA594 }
```

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

```
.border{ border-color:#5FA594 }
```

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

Here you see how a box with a 4 pixel #5FA594 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FA594; -webkit-box-shadow:4px 4px  
4px 4px #5FA594; box-shadow:4px 4px 4px  
4px #5FA594 }
```

# Background

The CSS property to change the background color of an element to Decimal 6268308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FA594 }
```

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

```
.background{ background-color:#5FA594 }
```

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](#).



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