

# Converting Colors

Decimal(6329738)

Have a look what the booklet for  
Decimal(6329738) contains.

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# Color

**Decimal(6329738)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60958A
RGB	96, 149, 138
RGB Percent	38%, 58%, 54%
CMY	0.6235, 0.4157, 0.4588
CMYK	0.36, 0.00, 0.07, 0.42
HSL	168°, 22%, 48%
HSV	168°, 36%, 58%
XYZ	20.1588, 25.8167, 27.9654
YIQ	131.8990, -28.0570, -14.6570

# Conversions

## Conversions Part 2

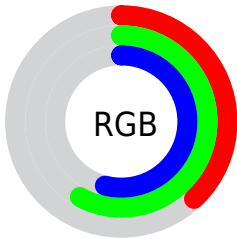
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	96, 126, 149
Decimal	6329738
CIE Lab	57.86, -20.19, 0.22
CIE LCh	58, 20.195, 179.380
Yxy	25.8167, 0.2726, 0.3492
Android (android.graphics.Color)	4284519818 (0xFF60958A)
YUV	131.8990, 3.0078, -31.4834
Hunter-Lab	50.8101, -18.0983, 2.9344

# Details

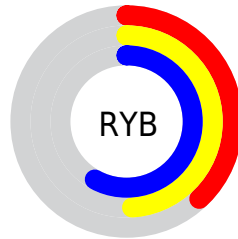
The Decimal color **6329738** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9789547**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **9817023**, and **3039832** is the 20% darker color. If you saturate the color by 10%, you get **5346695**, and if you desaturate by 10%, it is **7312781**.

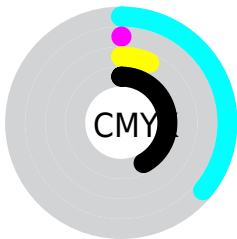
# Distribution



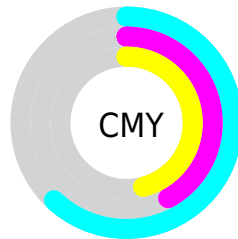
- Red (38%)
- Green (58%)
- Blue (54%)



- Red (38%)
- Yellow (49%)
- Blue (58%)



- Cyan (36%)
- Magenta (0%)
- Yellow (7%)
- Black (42%)



- Cyan (62%)
- Magenta (42%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6329738 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 6329738 by changing the saturation by 10% instead.



6329738

6329738

16777215

4684657

9817023

3039832

11593947

1264193

13434872

13099

15269887

7958

0

6329738

6329738

5346695

7312781

4363652

8295824

■ 3380609

■ 9278867

■ 2397566

■ 10261910

■ 1414523

■ 11244953

■ 497015

■ 12162461

■ 38262

■ 13145504

■ 14128547

■ 15111590

# Harmonies

## Analogous

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



7443321



6329738



5805468

# Triad

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



6329738



9275306



10978413

# Complementary

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



6329738



9789547

# 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.



11501435



6329738



10584477

# Square

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



6329738



7703982



11370124



10062440

# Rectangle

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



6329738



6067109



11370124



11240049



# Sweetspot

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



6329738



11322045



7050592



5529950



14737632



6381921



# Same Dimension

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



6329738



7258801



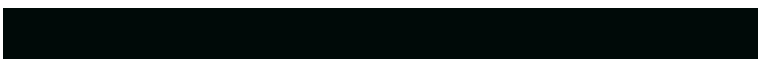
6325909



4409928



35437



2568



# Inverse Universe

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



9789547



12742272



9793376



4866884



9043997



655362



# Previews

## White Background



This preview shows how the Decimal color 6329738 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 6329738 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

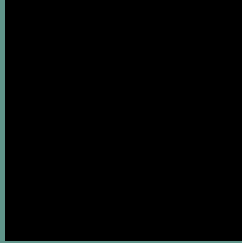
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6329738 Background



This preview shows how black text looks on a background with the Decimal color 6329738.

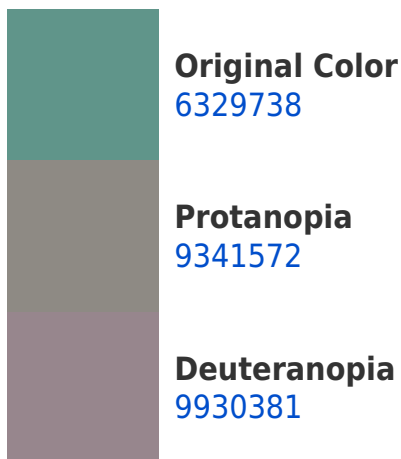



This preview shows how white text looks on a background with the Decimal color 6329738.

# 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**  
6656670

# Trichromacy



**Original Color**  
6329738

**Protanomaly**  
8228486

**Deuteranomaly**  
8620940

**Tritanomaly**  
6525847

# Monochromacy



**Original Color**  
6329738

**Achromatopsia**  
8684676

**Achromatomaly**  
7834246

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6329738 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 #60958A looks like.

```
.text, #text, p{  
    color:#60958A  
}
```

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 #60958A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60958A
}
```

## Border

The CSS property to change the border of an element to Decimal 6329738 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
#60958A }
```

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

```
.border{ border-color:#60958A }
```

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

Here you see how a box with a 4 pixel #60958A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60958A; -webkit-box-shadow:4px 4px  
4px 4px #60958A; box-shadow:4px 4px 4px  
4px #60958A }
```

# Background

The CSS property to change the background color of an element to Decimal 6329738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60958A }
```

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

```
.background{ background-color:#60958A }
```

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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