

# Converting Colors

Decimal(6329466)

Have a look what the booklet for  
Decimal(6329466) contains.

<b>Decimal(6329466)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(6329466)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60947A
RGB	96, 148, 122
RGB Percent	38%, 58%, 48%
CMY	0.6235, 0.4196, 0.5216
CMYK	0.35, 0.00, 0.18, 0.42
HSL	150°, 21%, 48%
HSV	150°, 35%, 58%
XYZ	18.9266, 25.0717, 22.2541
YIQ	129.4880, -22.6460, -19.1100

# Conversions

## Conversions Part 2

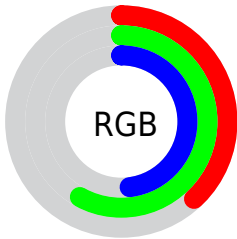
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 131, 148
Decimal	6329466
CIE <sub>Lab</sub>	57.15, -23.30, 8.30
CIE <sub>LCh</sub>	57, 24.739, 160.390
Yxy	25.0717, 0.2857, 0.3784
Android (android.graphics.Color)	4284519546 (0xFF60947A)
YUV	129.4880, -3.6916, -29.3690
Hunter-Lab	50.0717, -20.1542, 8.6990

# Details

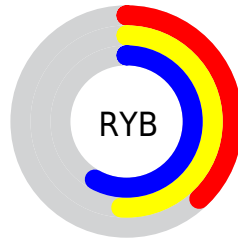
The Decimal color **6329466** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9724026**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **9751214**, and **3039561** is the 20% darker color. If you saturate the color by 10%, you get **5346419**, and if you desaturate by 10%, it is **7312513**.

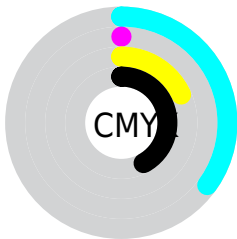
# Distribution



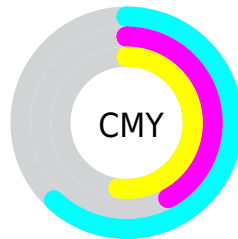
- Red (38%)
- Green (58%)
- Blue (48%)



- Red (38%)
- Yellow (51%)
- Blue (58%)



- Cyan (35%)
- Magenta (0%)
- Yellow (18%)
- Black (42%)



- Cyan (62%)
- Magenta (42%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6329466 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 6329466 by changing the saturation by 10% instead.





6329466



6329466

16777215



4684385



9751214



3039561



11528138



1394995



13369318



12830



15269887



7685



0



6329466



6329466



5346419



7312513



4363371



8295561

■ 3445860

■ 9213072

■ 2462812

■ 10196120

■ 1479765

■ 11179167

■ 496718

■ 12162214

■ 37962

■ 13145262

■ 14062773

■ 15045821

# Harmonies

## Analogous

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



7966824



6329466



4953488

# Triad

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



6329466



7899571



11697262

# Complementary

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



6329466



9724026

# 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.



11827586



6329466



9863594

# Square

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



6329466



5869489



11238296



10847073

# Rectangle

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



6329466



4560030



11238296



11828084



# Sweetspot

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



6329466



11190197



8033376



5529947



14737632



6381921



# Same Dimension

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



6329466



7323543



6329492



4409926



35397



2565



# Inverse Universe

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



9724026



12545943



9724000



4866886



9044037



655365



# Previews

## White Background



This preview shows how the Decimal color 6329466 looks on a white background.

## Color Contrast Check

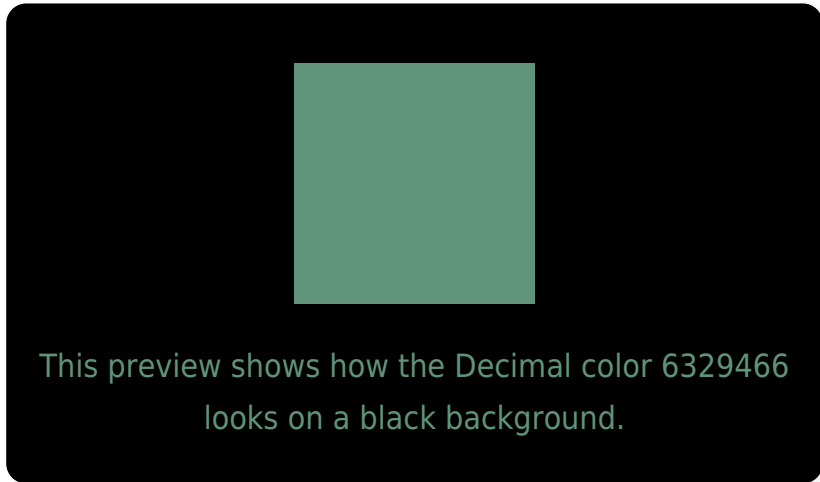
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

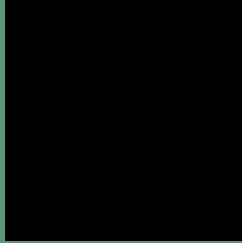
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6329466 Background



This preview shows how black text looks on a background with the Decimal color 6329466.




This preview shows how white text looks on a background with the Decimal color 6329466.

# 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



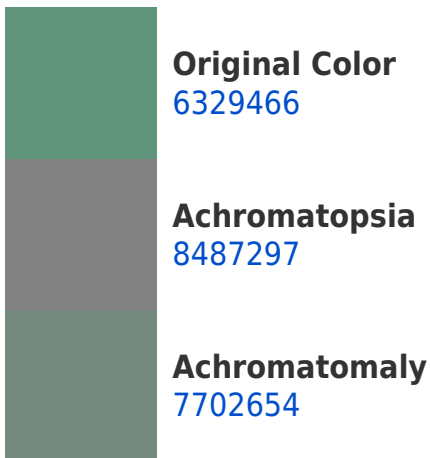


**Tritanopia**  
6786971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6329466 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 #60947A looks like.

```
.text, #text, p{  
    color:#60947A  
}
```

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 #60947A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60947A
}
```

## Border

The CSS property to change the border of an element to Decimal 6329466 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
#60947A }
```

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

```
.border{ border-color:#60947A }
```

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

Here you see how a box with a 4 pixel #60947A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60947A; -webkit-box-shadow:4px 4px  
4px 4px #60947A; box-shadow:4px 4px 4px  
4px #60947A }
```

# Background

The CSS property to change the background color of an element to Decimal 6329466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60947A }
```

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

```
.background{ background-color:#60947A }
```

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