

# Converting Colors

Decimal(6449326)

Have a look what the booklet for  
Decimal(6449326) contains.

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# Color

**Decimal(6449326)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6268AE
RGB	98, 104, 174
RGB Percent	38%, 41%, 68%
CMY	0.6157, 0.5922, 0.3176
CMYK	0.44, 0.40, 0.00, 0.32
HSL	235°, 32%, 53%
HSV	235°, 44%, 68%
XYZ	17.6273, 15.5533, 42.1174
YIQ	110.1860, -26.0460, 20.4980

# Conversions

## Conversions Part 2

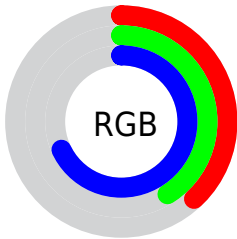
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 104, 174
Decimal	6449326
CIE <sub>Lab</sub>	46.38, 16.24, -38.17
CIE <sub>LCh</sub>	46, 41.480, 293.055
Yxy	15.5533, 0.2341, 0.2066
Android (android.graphics.Color)	4284639406 (0xFF6268AE)
YUV	110.1860, 31.4603, -10.6871
Hunter-Lab	39.4377, 10.7675, -35.7124

# Details

The Decimal color **6449326** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11446370**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **10001382**, and **2898297** is the 20% darker color. If you saturate the color by 10%, you get **5331118**, and if you desaturate by 10%, it is **7567534**.

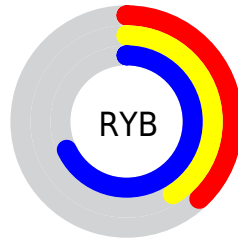
# Distribution



Red (38%)

Green (41%)

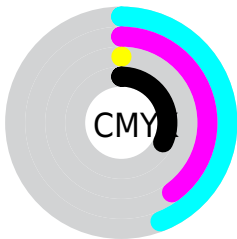
Blue (68%)



Red (38%)

Yellow (41%)

Blue (68%)

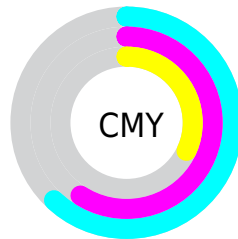


Cyan (44%)

Magenta (40%)

Yellow (0%)

Black (32%)



Cyan (62%)

Magenta (59%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6449326 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 6449326 by changing the saturation by 10% instead.



■ 6449326

■ 6449326

16777215

■ 4673683

■ 10001382

■ 2898297

■ 11843327

■ 730208

■ 13685247

■ 4168

■ 15593215

■ 817

■ 283

■ 0

■ 6449326

■ 6449326

■ 5331118

■ 7567534

■ 4147374

■ 8751278

■ 3029166

■ 9869486

■ 1845422

■ 11053230

■ 727214

■ 12171438

■ 3758

■ 13289646

■ 14473390

■ 15591598

■ 16775342

# Harmonies

## Analogous

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



29875



6449326



9525912

# Triad

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



6449326



10574903



32612

# Complementary

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



6449326



11446370

# 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.



3963714



6449326



8939814

# Square

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



6449326



11424085



6779946



32648

# Rectangle

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



6449326



10703491



6779946



32344



# Sweetspot

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



6449326



12962019



6467240



6316659



15921906



7566195



# Same Dimension

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



6449326



7173859



8544942



5132119



3222



535



# Inverse Universe

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



11428456



14904694



9350754



5721679



9830412

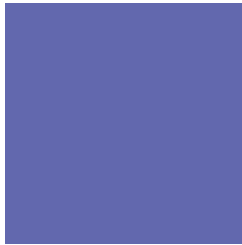


1507330



# Previews

## White Background



This preview shows how the Decimal color 6449326 looks on a white 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

# Black Background



This preview shows how the Decimal color 6449326 looks on a black 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

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



## Decimal 6449326 Background



This preview shows how black text looks on a background with the Decimal color 6449326.



This preview shows how white text looks on a background with the Decimal color 6449326.

# Color Blindness Simulation

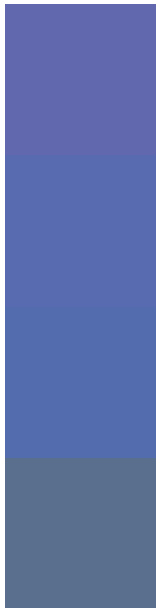
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
6449326

**Protanomaly**  
5794480

**Deuteranomaly**  
5467309

**Tritanomaly**  
5926798

# Monochromacy



**Original Color**  
6449326

**Achromatopsia**  
7237230

**Achromatomaly**  
6974597

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6449326 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 #6268AE looks like.

```
.text, #text, p{  
  color:#6268AE  
}
```

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 #6268AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6268AE
}
```

## Border

The CSS property to change the border of an element to Decimal 6449326 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".

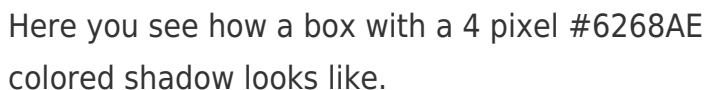
```
.border, #border, table{ border:4px solid
#6268AE }
```

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

```
.border{ border-color:#6268AE }
```

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

Here you see how a box with a 4 pixel #6268AE colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6268AE; -webkit-box-shadow:4px 4px  
4px 4px #6268AE; box-shadow:4px 4px 4px  
4px #6268AE }
```

# Background

The CSS property to change the background color of an element to Decimal 6449326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6268AE }
```

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

```
.background{ background-color:#6268AE }
```

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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