

# Converting Colors

Decimal(6454689)

Have a look what the booklet for  
Decimal(6454689) contains.

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# Color

**Decimal(6454689)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	627DA1
RGB	98, 125, 161
RGB Percent	38%, 49%, 63%
CMY	0.6157, 0.5098, 0.3686
CMYK	0.39, 0.22, 0.00, 0.37
HSL	214°, 25%, 51%
HSV	214°, 39%, 63%
XYZ	18.8036, 19.8371, 36.5561
YIQ	121.0310, -27.6480, 5.4720

# Conversions

## Conversions Part 2

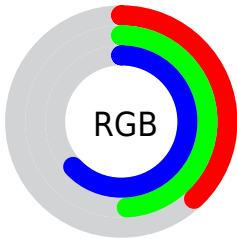
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 117, 161
Decimal	6454689
CIE <sub>Lab</sub>	51.65, -0.26, -22.36
CIE <sub>LCh</sub>	52, 22.364, 269.327
Yxy	19.8371, 0.2501, 0.2638
Android (android.graphics.Color)	4284644769 (0xFF627DA1)
YUV	121.0310, 19.7047, -20.1982
Hunter-Lab	44.5389, -2.5830, -17.4862

# Details

The Decimal color **6454689** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **10585698**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **9941464**, and **3099757** is the 20% darker color. If you saturate the color by 10%, you get **5403809**, and if you desaturate by 10%, it is **7505569**.

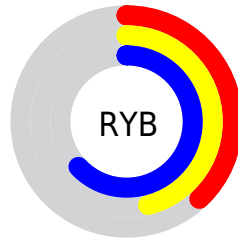
# Distribution



Red (38%)

Green (49%)

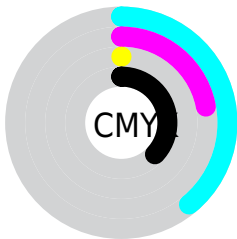
Blue (63%)



Red (38%)

Yellow (46%)

Blue (63%)

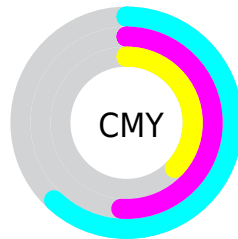


Cyan (39%)

Magenta (22%)

Yellow (0%)

Black (37%)



Cyan (62%)

Magenta (51%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6454689 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 6454689 by changing the saturation by 10% instead.



■ 6454689

■ 6454689

16777215

■ 4744327

■ 9941464

■ 3099757

■ 11718132

■ 1324629

■ 13560319

■ 8509

■ 15466495

■ 2344

■ 274

■ 0

■ 6454689

■ 6454689

■ 5403809

■ 7505569

■ 4352929

■ 8556449

■ 3301793

■ 9607585

■ 2250913

■ 10658465

■ 1200033

■ 11774881

■ 83617

■ 12825761

■ 17825

■ 13876641

■ 14927777

■ 15978657

# Harmonies

## Analogous

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



4817563



6454689



8222364

# Triad

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



6454689



10579561



6259815

# Complementary

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



6454689



10585698

# 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.



7700569



6454689



10056539

# Square

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



6454689



10513788



9009749



4884090

# Rectangle

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



6454689



9269908



9009749



6718306



# Sweetspot

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



6454689



12108753



6463878



5922921



15263976



6908265



# Same Dimension

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



6454689



7313873



6709921



4803922



16017



2066



# Inverse Universe

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



10576509



13725593



10330466



5392717



9502782

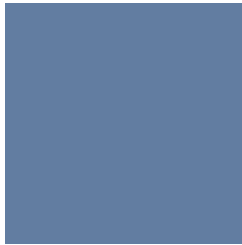


1179656



# Previews

## White Background



This preview shows how the Decimal color 6454689 looks on a white background.

## Color Contrast Check

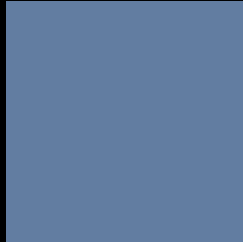
Large Text (above 18pt) WCAG AA ✓ Pass

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 6454689 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

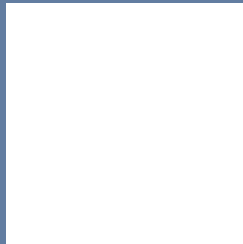
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6454689 Background



This preview shows how black text looks on a background with the Decimal color 6454689.

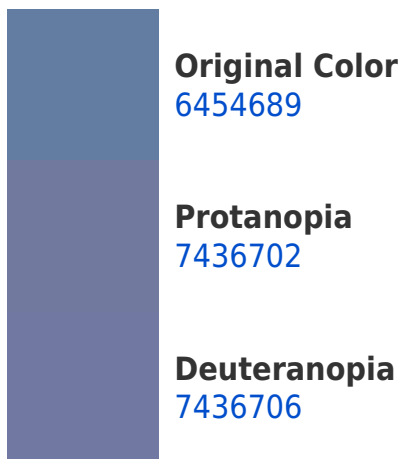


This preview shows how white text looks on a background with the Decimal color 6454689.

# 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**  
6454689

**Protanomaly**  
7109279

**Deuteranomaly**  
7109282

**Tritanomaly**  
6193299

# Monochromacy



**Original Color**  
6454689

**Achromatopsia**  
7960953

**Achromatomaly**  
7436936

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6454689 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 #627DA1 looks like.

```
.text, #text, p{  
    color:#627DA1  
}
```

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 #627DA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627DA1
}
```

## Border

The CSS property to change the border of an element to Decimal 6454689 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
#627DA1 }
```

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

```
.border{ border-color:#627DA1 }
```

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

Here you see how a box with a 4 pixel #627DA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627DA1; -webkit-box-shadow:4px 4px  
4px 4px #627DA1; box-shadow:4px 4px 4px  
4px #627DA1 }
```

# Background

The CSS property to change the background color of an element to Decimal 6454689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627DA1 }
```

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

```
.background{ background-color:#627DA1 }
```

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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