

# Converting Colors

Decimal(6456740)

Have a look what the booklet for  
Decimal(6456740) contains.

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# Color

**Decimal(6456740)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6285A4
RGB	98, 133, 164
RGB Percent	38%, 52%, 64%
CMY	0.6157, 0.4784, 0.3569
CMYK	0.40, 0.19, 0.00, 0.36
HSL	208°, 27%, 51%
HSV	208°, 40%, 64%
XYZ	20.1254, 22.0521, 38.3177
YIQ	126.0690, -30.8110, 2.2210

# Conversions

## Conversions Part 2

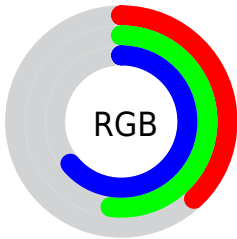
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 121, 164
Decimal	6456740
CIE <sub>Lab</sub>	54.08, -4.06, -20.37
CIE <sub>LCh</sub>	54, 20.773, 258.720
Yxy	22.0521, 0.2500, 0.2740
Android (android.graphics.Color)	4284646820 (0xFF6285A4)
YUV	126.0690, 18.7000, -24.6165
Hunter-Lab	46.9596, -5.6800, -15.5072

# Details

The Decimal color **6456740** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **10781026**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **9943771**, and **3101808** is the 20% darker color. If you saturate the color by 10%, you get **5406116**, and if you desaturate by 10%, it is **7507364**.

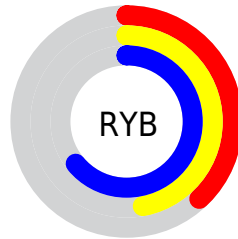
# Distribution



Red (38%)

Green (52%)

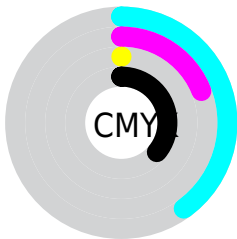
Blue (64%)



Red (38%)

Yellow (47%)

Blue (64%)

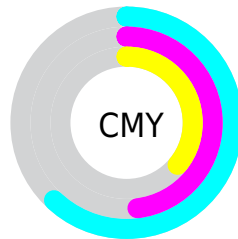


Cyan (40%)

Magenta (19%)

Yellow (0%)

Black (36%)



Cyan (62%)

Magenta (48%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6456740 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 6456740 by changing the saturation by 10% instead.



■ 6456740

■ 6456740

16777215

■ 4746378

■ 9943771

■ 3101808

■ 11785976

■ 1260888

■ 13628159

■ 10048

■ 15466495

■ 4650

■ 277

■ 0

■ 6456740

■ 6456740

■ 5406116

■ 7507364

■ 4290212

■ 8623268

■ 3239588

■ 9673892

■ 2123428

■ 10790052

■ 1072804

■ 11840676

■ 22436

■ 12891044

■ 14007204

■ 15057828

■ 16173732

# Harmonies

## Analogous

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



5278108



6456740



8093603

# Triad

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



6456740



10909047



7243881

# Complementary

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



6456740



10781026

# 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.



8619103



6456740



10582119

# Square

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



6456740



10581385



9797214



5999482

# Rectangle

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



6456740



9141149



9797214



7702373



# Sweetspot

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



6456740



12372694



6464641



6055019



15461355



7039851



# Same Dimension

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



6456740



7317206



6448292



4804178



19857



2322



# Inverse Universe

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



10773125



14053286



10789474



5392718



9502797



1179657



# Previews

## White Background



This preview shows how the Decimal color 6456740 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 6456740 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

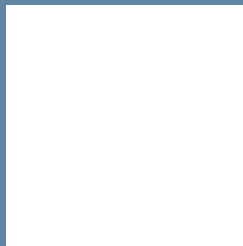
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6456740 Background



This preview shows how black text looks on a background with the Decimal color 6456740.




This preview shows how white text looks on a background with the Decimal color 6456740.

# 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**  
6129811

# Trichromacy



**Original Color**  
6456740

**Protanomaly**  
7439009

**Deuteranomaly**  
7438757

**Tritanomaly**  
6260633

# Monochromacy



**Original Color**  
6456740

**Achromatopsia**  
8289918

**Achromatomaly**  
7635340

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6456740 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 #6285A4 looks like.

```
.text, #text, p{  
    color:#6285A4  
}
```

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 #6285A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6285A4
}
```

## Border

The CSS property to change the border of an element to Decimal 6456740 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
#6285A4 }
```

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

```
.border{ border-color:#6285A4 }
```

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

Here you see how a box with a 4 pixel #6285A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6285A4; -webkit-box-shadow:4px 4px  
4px 4px #6285A4; box-shadow:4px 4px 4px  
4px #6285A4 }
```

# Background

The CSS property to change the background color of an element to Decimal 6456740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6285A4 }
```

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

```
.background{ background-color:#6285A4 }
```

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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