

# Converting Colors

Decimal(6318187)

Have a look what the booklet for  
Decimal(6318187) contains.

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# Color

**Decimal(6318187)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	60686B
RGB	96, 104, 107
RGB Percent	38%, 41%, 42%
CMY	0.6235, 0.5922, 0.5804
CMYK	0.10, 0.03, 0.00, 0.58
HSL	196°, 5%, 40%
HSV	196°, 10%, 42%
XYZ	12.4280, 13.4490, 15.8508
YIQ	101.9500, -5.7310, -0.7630

# Conversions

## Conversions Part 2

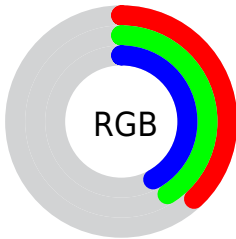
Format	Color
R <sub>Y</sub> B	96, 101, 107
Decimal	6318187
CIE Lab	43.43, -2.39, -2.74
CIE LCh	43, 3.639, 228.892
Yxy	13.4490, 0.2978, 0.3223
Android (android.graphics.Color)	4284508267 (0xFF60686B)
YUV	101.9500, 2.4897, -5.2181
Hunter-Lab	36.6728, -3.6857, 0.0445

# Details

The Decimal color **6318187** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7037792**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **9673630**, and **3291452** is the 20% darker color. If you saturate the color by 10%, you get **5596523**, and if you desaturate by 10%, it is **7039851**.

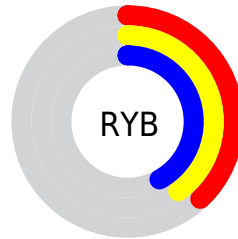
# Distribution



Red (38%)

Green (41%)

Blue (42%)



Red (38%)

Yellow (40%)

Blue (42%)

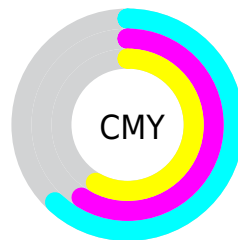


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (58%)



Cyan (62%)

Magenta (59%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6318187 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 6318187 by changing the saturation by 10% instead.





6318187



6318187

16777215



4739155



9673630



3291452



11384505



1909798



13226453



200209



15068913



0



6318187



6318187



5596523



7039851



4940395



7695979



4218731



8417643

■ 3497067

■ 9139307

■ 2840939

■ 9795435

■ 2119275

■ 10517099

■ 1397867

■ 11238507

■ 676203

■ 11960171

■ 20075

■ 12616299

# Harmonies

## Analogous

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



6252648



6318187



6449004

# Triad

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



6318187



7103848



6776673

# Complementary

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



6318187



7037792

# 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.



6973025



6318187



7169381

# Square

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



6318187



6972779



7169378



6580323

# Rectangle

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



6318187



6645612



7169378



6842209



# Sweetspot

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



6318187



8948620



6318947



4540231



13092807



4671303



# Same Dimension

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



6318187



8095884



6316907



3159094



21877



45813



# Inverse Universe

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



7037032



9206664



7039072



3551284



7667797



16056498



# Previews

## White Background



This preview shows how the Decimal color 6318187 looks on a white background.

## Color Contrast Check

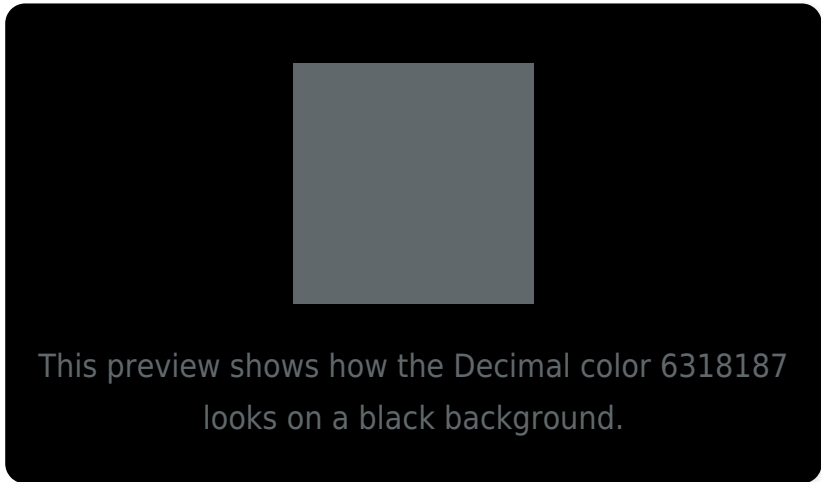
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

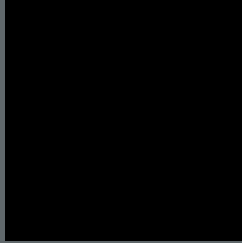
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

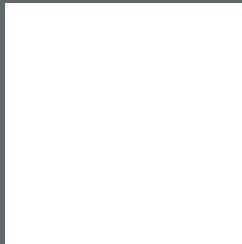
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Decimal 6318187 Background



This preview shows how black text looks on a background with the Decimal color 6318187.



This preview shows how white text looks on a background with the Decimal color 6318187.

# 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



**Original Color**  
6318187

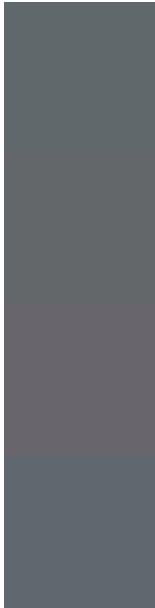
**Protanopia**  
6776426

**Deuteranopia**  
7234412



**Tritanopia**  
6383471

# Trichromacy



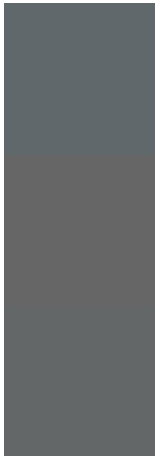
**Original Color**  
6318187

**Protanomaly**  
6580074

**Deuteranomaly**  
6907244

**Tritanomaly**  
6383470

# Monochromacy



**Original Color**  
6318187

**Achromatopsia**  
6710886

**Achromatomaly**  
6580072

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6318187 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 #60686B looks like.

```
.text, #text, p{  
    color:#60686B  
}
```

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 #60686B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60686B
}
```

## Border

The CSS property to change the border of an element to Decimal 6318187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

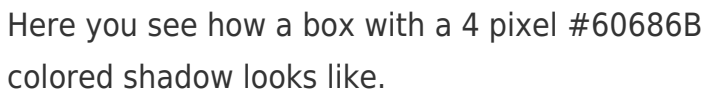
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60686B }
```

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

```
.border{ border-color:#60686B }
```

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



Here you see how a box with a 4 pixel #60686B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60686B; -webkit-box-shadow:4px 4px  
4px 4px #60686B; box-shadow:4px 4px 4px  
4px #60686B }
```

# Background

The CSS property to change the background color of an element to Decimal 6318187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60686B }
```

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

```
.background{ background-color:#60686B }
```

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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