

# Converting Colors

Decimal(6316671)

Have a look what the booklet for  
Decimal(6316671) contains.

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# Color

**Decimal(6316671)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	60627F
RGB	96, 98, 127
RGB Percent	38%, 38%, 50%
CMY	0.6235, 0.6157, 0.5020
CMYK	0.24, 0.23, 0.00, 0.50
HSL	236°, 14%, 44%
HSV	236°, 24%, 50%
XYZ	13.0223, 12.7545, 21.8542
YIQ	100.7080, -10.5010, 8.5950

# Conversions

## Conversions Part 2

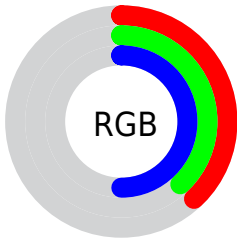
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 98, 127
Decimal	6316671
CIE Lab	42.39, 6.08, -16.43
CIE LCh	42, 17.514, 290.305
Yxy	12.7545, 0.2734, 0.2678
Android (android.graphics.Color)	4284506751 (0xFF60627F)
YUV	100.7080, 12.9620, -4.1289
Hunter-Lab	35.7134, 2.5887, -11.2821

# Details

The Decimal color **6316671** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8355168**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **9672116**, and **3224654** is the 20% darker color. If you saturate the color by 10%, you get **5461631**, and if you desaturate by 10%, it is **7171711**.

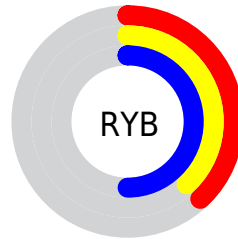
# Distribution



Red (38%)

Green (38%)

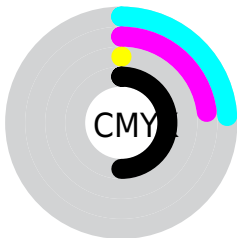
Blue (50%)



Red (38%)

Yellow (38%)

Blue (50%)

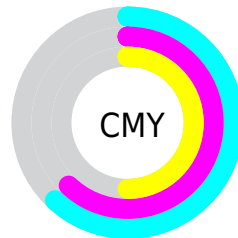


Cyan (24%)

Magenta (23%)

Yellow (0%)

Black (50%)



Cyan (62%)

Magenta (62%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6316671 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 6316671 by changing the saturation by 10% instead.





6316671



6316671

16777215



4737638



9672116



3224654



11448271



1777463



13224940



263714



15132671



8



0



6316671



6316671



5461631



7171711



4672127



7961215

■ 3817087

■ 8816255

■ 2962047

■ 9671295

■ 2172799

■ 10526079

■ 1317759

■ 11315583

■ 462719

■ 12170623

■ 2175

■ 13025663

■ 13815167

# Harmonies

## Analogous

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



5007232



6316671



7495031

# Triad

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



6316671



8215886



4484191

# Complementary

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



6316671



8355168

# 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.



5532241



6316671



7561800

# Square

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



6316671



8542811



6579785



3828846

# Rectangle

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



6316671



8084334



6579785



4811610



# Sweetspot

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



6316671



10132390



6324093



5066324



13948116



5526612



# Same Dimension

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



6316671



7764390



7168127



3750464



2176



0



# Inverse Universe

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



8347746



10909305



7503712



4208954



8388616



0



# Previews

## White Background



This preview shows how the Decimal color 6316671 looks on a white background.

## Color Contrast Check

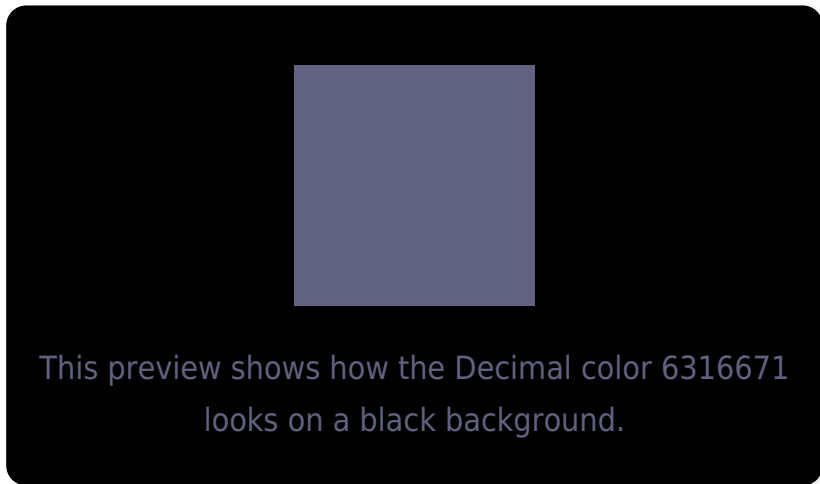
Large Text (above 18pt) WCAG AA ✓ Pass

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

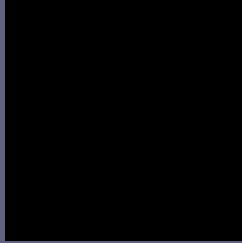
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

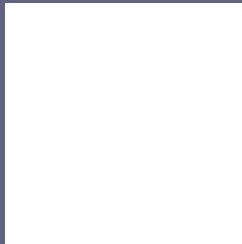
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6316671 Background



This preview shows how black text looks on a background with the Decimal color 6316671.



This preview shows how white text looks on a background with the Decimal color 6316671.

# 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](#).

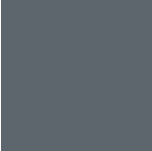
## Dichromacy



**Original Color**  
6316671

**Protanopia**  
6120320

**Deuteranopia**  
6316671



**Tritanopia**  
6120813

# Trichromacy



**Original Color**  
6316671

**Protanomaly**  
6185856

**Deuteranomaly**  
6316671

**Tritanomaly**  
6186100

# Monochromacy



**Original Color**  
6316671

**Achromatopsia**  
6645093

**Achromatomaly**  
6513774

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6316671 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 #60627F looks like.

```
.text, #text, p{  
    color:#60627F  
}
```

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 #60627F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60627F
}
```

## Border

The CSS property to change the border of an element to Decimal 6316671 is called "border". The border property can be set on classes, ids or directly on the HTML element.

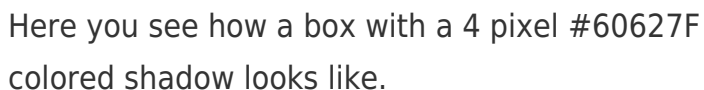
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60627F }
```

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

```
.border{ border-color:#60627F }
```

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



Here you see how a box with a 4 pixel #60627F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60627F; -webkit-box-shadow:4px 4px  
4px 4px #60627F; box-shadow:4px 4px 4px  
4px #60627F }
```

# Background

The CSS property to change the background color of an element to Decimal 6316671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60627F }
```

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

```
.background{ background-color:#60627F }
```

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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