

# Converting Colors

Decimal(6309728)

Have a look what the booklet for  
Decimal(6309728) contains.

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# Color

**Decimal(6309728)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	604760
RGB	96, 71, 96
RGB Percent	38%, 28%, 38%
CMY	0.6235, 0.7216, 0.6235
CMYK	0.00, 0.26, 0.00, 0.62
HSL	300°, 15%, 33%
HSV	300°, 26%, 38%
XYZ	9.1884, 7.8378, 12.0949
YIQ	81.3250, 6.8750, 13.0750

# Conversions

## Conversions Part 2

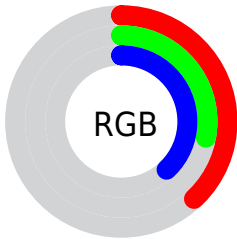
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 71, 96
Decimal	6309728
CIELab	33.64, 15.50, -10.55
CIELCh	34, 18.749, 325.756
Yxy	7.8378, 0.3155, 0.2691
Android (android.graphics.Color)	4284499808 (0xFF604760)
YUV	81.3250, 7.2348, 12.8700
Hunter-Lab	27.9961, 9.5913, -6.0173

# Details

The Decimal color **6309728** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4677703**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **9664659**, and **3218226** is the 20% darker color. If you saturate the color by 10%, you get **6307168**, and if you desaturate by 10%, it is **6312288**.

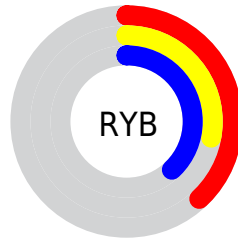
# Distribution



Red (38%)

Green (28%)

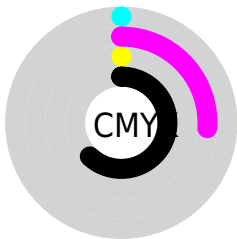
Blue (38%)



Red (38%)

Yellow (28%)

Blue (38%)

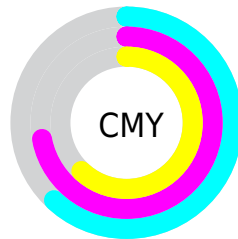


Cyan (0%)

Magenta (26%)

Yellow (0%)

Black (62%)



Cyan (62%)

Magenta (72%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6309728 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 6309728 by changing the saturation by 10% instead.



6309728

6309728

16777215

4730952

9664659

3218226

11440557

1901085

13216969

0

15058917

16770303

6309728

6309728

6307168

6312288

6304864

6314592

6302304

6317152

6300000

6319456

6297440

6322016

6294880

6324576

6292576

6326880

6291552

6329440

6331744

# Harmonies

## Analogous

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



5131370



6309728



6964306

# Triad

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



6309728



5983538



1922907

# Complementary

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



6309728



4677703

# 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.



2709324



6309728



5001780

# Square

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



6309728



6768695



3888446



2315623

# Rectangle

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



6309728



7160904



3888446



2119511



# Sweetspot

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



6309728



8221565



4671328



4208960



12566463



4210752



# Same Dimension

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



6309728



8214141



6309716



3157040



7340144



15728880



# Inverse Universe

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



6309728



8214141



4677716



3157040



7340144

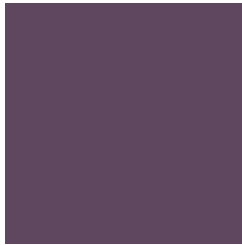


15728880



# Previews

## White Background



This preview shows how the Decimal color 6309728 looks on a white background.

## Color Contrast Check

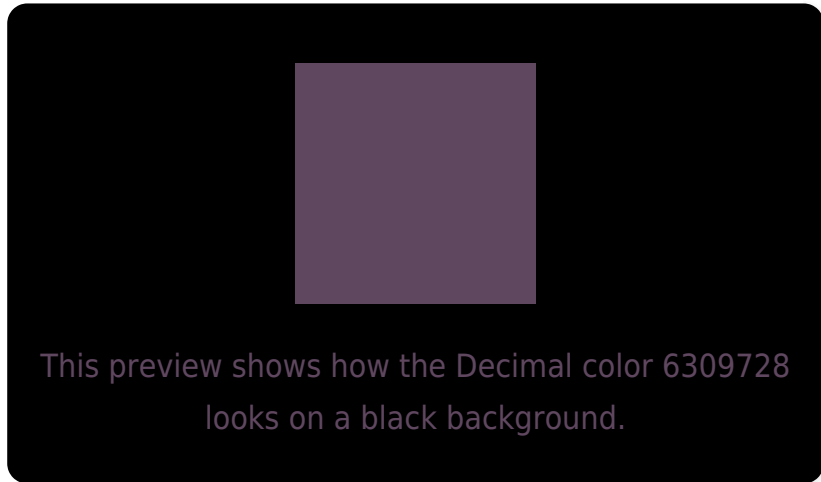
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

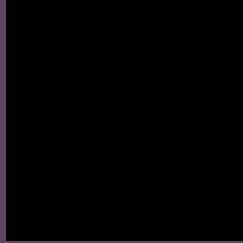
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6309728 Background



This preview shows how black text looks on a background with the Decimal color 6309728.



This preview shows how white text looks on a background with the Decimal color 6309728.

# 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**  
6309728

**Protanopia**  
4869733

**Deuteranopia**  
5197407



**Tritanopia**  
6179408

# Trichromacy



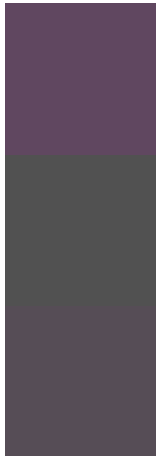
**Original Color**  
6309728

**Protanomaly**  
5393251

**Deuteranomaly**  
5589855

**Tritanomaly**  
6244694

# Monochromacy



**Original Color**  
6309728

**Achromatopsia**  
5329233

**Achromatomaly**  
5655894

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6309728 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 #604760 looks like.

```
.text, #text, p{  
  color:#604760  
}
```

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 #604760 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #604760
}
```

## Border

The CSS property to change the border of an element to Decimal 6309728 is called "border". The border property can be set on classes, ids or directly on the HTML element.

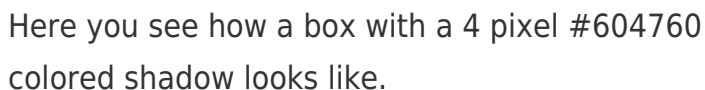
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#604760 }
```

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

```
.border{ border-color:#604760 }
```

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



Here you see how a box with a 4 pixel #604760 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #604760; -webkit-box-shadow:4px 4px  
4px 4px #604760; box-shadow:4px 4px 4px  
4px #604760 }
```

# Background

The CSS property to change the background color of an element to Decimal 6309728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#604760 }
```

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

```
.background{ background-color:#604760 }
```

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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