

# Converting Colors

Decimal(6306144)

Have a look what the booklet for  
Decimal(6306144) contains.

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# Color

**Decimal(6306144)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	603960
RGB	96, 57, 96
RGB Percent	38%, 22%, 38%
CMY	0.6235, 0.7765, 0.6235
CMYK	0.00, 0.41, 0.00, 0.62
HSL	300°, 25%, 30%
HSV	300°, 41%, 38%
XYZ	8.3983, 6.2576, 11.8315
YIQ	73.1070, 10.7250, 20.3970

# Conversions

## Conversions Part 2

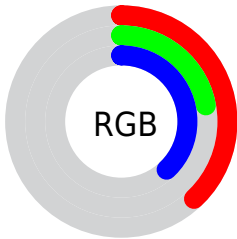
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 57, 96
Decimal	6306144
CIELab	30.05, 24.20, -16.04
CIELCh	30, 29.027, 326.464
Yxy	6.2576, 0.3171, 0.2362
Android (android.graphics.Color)	4284496224 (0xFF603960)
YUV	73.1070, 11.2862, 20.0772
Hunter-Lab	25.0152, 16.1511, -10.5320

# Details

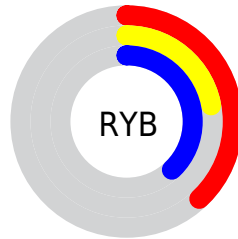
The Decimal color **6306144** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3760185**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **9660819**, and **3148850** is the 20% darker color. If you saturate the color by 10%, you get **6303584**, and if you desaturate by 10%, it is **6308704**.

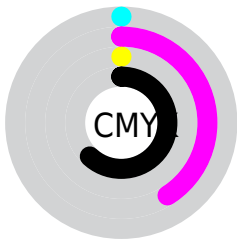
# Distribution



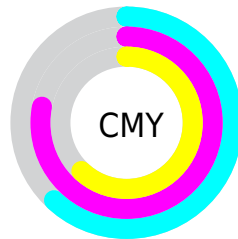
- Red (38%)
- Green (22%)
- Blue (38%)



- Red (38%)
- Yellow (22%)
- Blue (38%)



- Cyan (0%)
- Magenta (41%)
- Yellow (0%)
- Black (62%)



- Cyan (62%)
- Magenta (78%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6306144 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 6306144 by changing the saturation by 10% instead.



6306144

6306144

16777215

4727368

9660819

3148850

11436973

2031645

13278665

0

15120613

16766207

16773375

6306144

6306144

6303584

6308704

6301280

6311008

6298720

6313568

6296416

6315872

6293856

6318432

6291552

6320992

6323296

6325856

6328160

# Harmonies

## Analogous

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



4473455



6306144



7287626

# Triad

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



6306144



5653784



21082

# Complementary

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



6306144



3760185

# 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.



21059



6306144



4213532

# Square

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



6306144



6765602



2314285



20332

# Rectangle

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



6306144



7418939



2314285



21075



# Sweetspot

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



6306144



8220285



3750240



4208448



12566463



4210752



# Same Dimension

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



6306144



8208509



6306125



3157040



7340144



15728880



# Inverse Universe

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



6306144



8208509



3760205



3157040



7340144

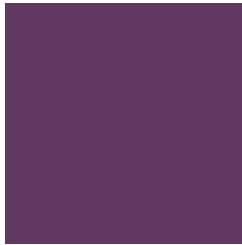


15728880



# Previews

## White Background



This preview shows how the Decimal color 6306144 looks on a white background.

## Color Contrast Check

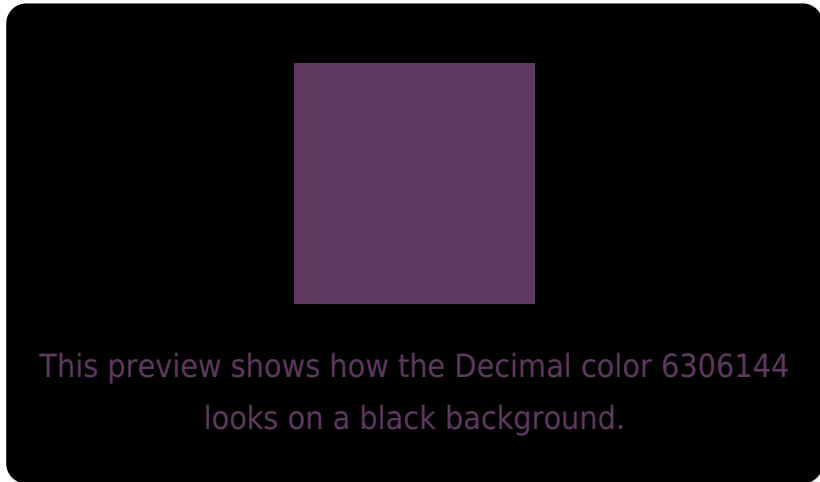
Large Text (above 18pt) WCAG AA ✓ Pass

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

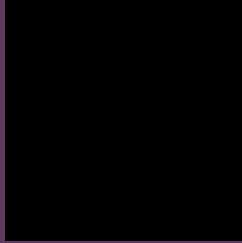
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6306144 Background



This preview shows how black text looks on a background with the Decimal color 6306144.



This preview shows how white text looks on a background with the Decimal color 6306144.

# 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**  
6306144

**Protanopia**  
3884650

**Deuteranopia**  
4343390



**Tritanopia**  
6045508

# Trichromacy



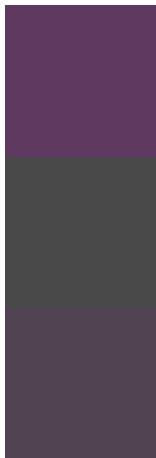
**Original Color**  
6306144

**Protanomaly**  
4735334

**Deuteranomaly**  
5063007

**Tritanomaly**  
6110542

# Monochromacy



**Original Color**  
6306144

**Achromatopsia**  
4802889

**Achromatomaly**  
5325649

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6306144 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 #603960 looks like.

```
.text, #text, p{  
    color:#603960  
}
```

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 #603960 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #603960
}
```

## Border

The CSS property to change the border of an element to Decimal 6306144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

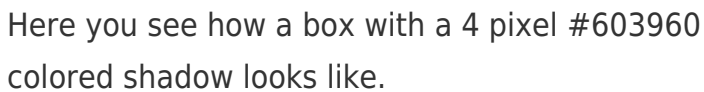
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#603960 }
```

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

```
.border{ border-color:#603960 }
```

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



Here you see how a box with a 4 pixel #603960 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #603960; -webkit-box-shadow:4px 4px  
4px 4px #603960; box-shadow:4px 4px 4px  
4px #603960 }
```

# Background

The CSS property to change the background color of an element to Decimal 6306144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#603960 }
```

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

```
.background{ background-color:#603960 }
```

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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