

# Converting Colors

Decimal(6042206)

Have a look what the booklet for  
Decimal(6042206) contains.

<b>Decimal(6042206)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(6042206)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C325E
RGB	92, 50, 94
RGB Percent	36%, 20%, 37%
CMY	0.6392, 0.8039, 0.6314
CMYK	0.02, 0.47, 0.00, 0.63
HSL	297°, 31%, 28%
HSV	297°, 47%, 37%
XYZ	7.5746, 5.3647, 11.2259
YIQ	67.5740, 10.9080, 22.5880

# Conversions

## Conversions Part 2

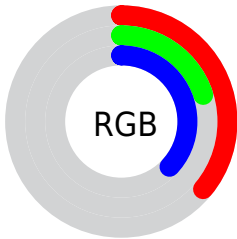
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 50, 94
Decimal	6042206
CIELab	27.75, 26.59, -18.35
CIElCh	28, 32.310, 325.391
Yxy	5.3647, 0.3135, 0.2220
Android (android.graphics.Color)	4284232286 (0xFF5C325E)
YUV	67.5740, 13.0280, 21.4216
Hunter-Lab	23.1618, 17.8420, -12.5232

# Details

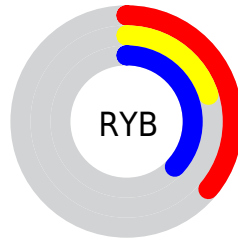
The Decimal color **6042206** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3431986**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **9396881**, and **2884912** is the 20% darker color. If you saturate the color by 10%, you get **6039902**, and if you desaturate by 10%, it is **6044510**.

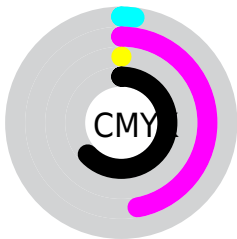
# Distribution



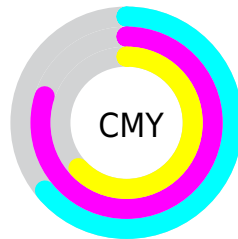
- Red (36%)
- Green (20%)
- Blue (37%)



- Red (36%)
- Yellow (20%)
- Blue (37%)



- Cyan (2%)
- Magenta (47%)
- Yellow (0%)
- Black (63%)



- Cyan (64%)
- Magenta (80%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6042206 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 6042206 by changing the saturation by 10% instead.



6042206

6042206

16777215

4463430

9396881

2884912

11172779

1507355

13014471

0

14856419

16764159

16771327

6042206

6042206

6039902

6044510

■ 5971806

■ 6112606

■ 5969502

■ 6114910

■ 5901406

■ 6183006

■ 5899102

■ 6185310

■ 5898334

■ 6253150

■ 6255710

■ 6258014

■ 6326110

# Harmonies

## Analogous

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



3882350



6042206



7088966

# Triad

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



6042206



5390092



19798

# Complementary

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



6042206



3431986

# 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.



19773



6042206



3819025

# Square

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



6042206



6567193



1657636



19306

# Rectangle

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



6042206



7285558



1657636



20046



# Sweetspot

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



6042206



8022394



3290206



4010813



12434877



4013373



# Same Dimension

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



6042206



7812730



6173258



3025198



6881390



14811373



# Inverse Universe

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



6173236



8009273



3300934



3025194



7208965



15532043



# Previews

## White Background



This preview shows how the Decimal color 6042206 looks on a white background.

## Color Contrast Check

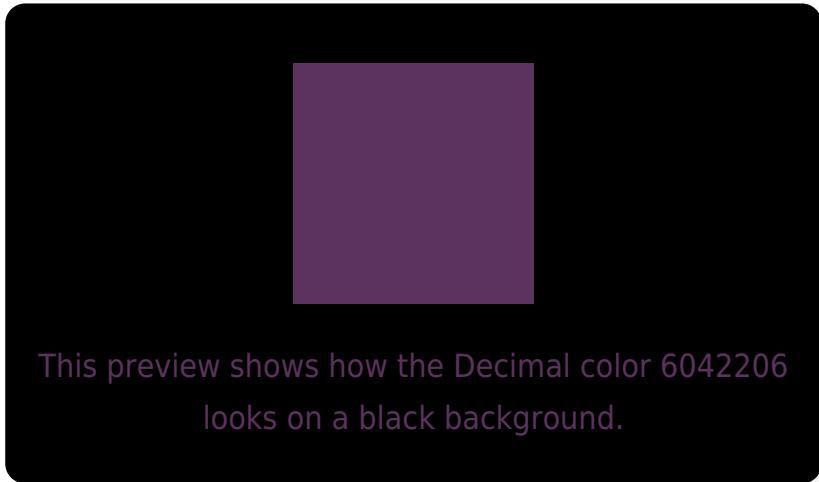
Large Text (above 18pt) WCAG AA ✓ Pass

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

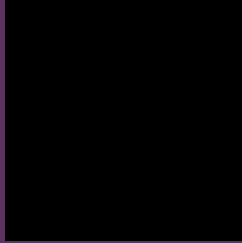
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6042206 Background



This preview shows how black text looks on a background with the Decimal color 6042206.



This preview shows how white text looks on a background with the Decimal color 6042206.

# 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**  
6042206

**Protanopia**  
3293546

**Deuteranopia**  
3817819



**Tritanopia**  
5781822

# Trichromacy



**Original Color**  
6042206

**Protanomaly**  
4275302

**Deuteranomaly**  
4602972

**Tritanomaly**  
5846602

# Monochromacy



**Original Color**  
6042206

**Achromatopsia**  
4473924

**Achromatomaly**  
5061965

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6042206 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 #5C325E looks like.

```
.text, #text, p{  
  color:#5C325E  
}
```

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 #5C325E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C325E
}
```

## Border

The CSS property to change the border of an element to Decimal 6042206 is called "border". The border property can be set on classes, ids or directly on the HTML element.

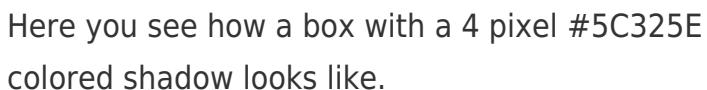
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C325E }
```

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

```
.border{ border-color:#5C325E }
```

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



Here you see how a box with a 4 pixel #5C325E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C325E; -webkit-box-shadow:4px 4px  
4px 4px #5C325E; box-shadow:4px 4px 4px  
4px #5C325E }
```

# Background

The CSS property to change the background color of an element to Decimal 6042206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C325E }
```

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

```
.background{ background-color:#5C325E }
```

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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