

# Converting Colors

Decimal(6237696)

Have a look what the booklet for  
Decimal(6237696) contains.

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**Color**

**Decimal(6237696)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F2E00
RGB	95, 46, 0
RGB Percent	37%, 18%, 0%
CMY	0.6275, 0.8196, 1.0000
CMYK	0.00, 0.52, 1.00, 0.63
HSL	29°, 100%, 19%
HSV	29°, 100%, 37%
XYZ	5.6963, 4.3869, 0.5465
YIQ	55.4070, 43.9700, -3.9180

# Conversions

## Conversions Part 2

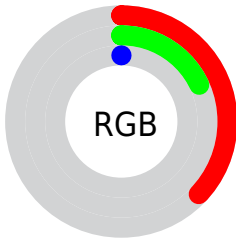
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 89, 0
Decimal	6237696
CIELab	24.91, 19.33, 35.13
CIELCh	25, 40.098, 61.185
Yxy	4.3869, 0.5359, 0.4127
Android (android.graphics.Color)	4284427776 (0xFF5F2E00)
YUV	55.4070, -27.3157, 34.7231
Hunter-Lab	20.9449, 11.8925, 13.1143

# Details

The Decimal color **6237696** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **12639**, and the grayscale version is **3684408**.

A 20% lighter version of the original color is **9854256**, and **2818560** is the 20% darker color. If you saturate the color by 10%, you get **6237696**, and if you desaturate by 10%, it is **6238985**.

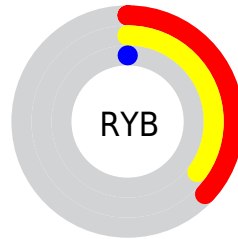
# Distribution



Red (37%)

Green (18%)

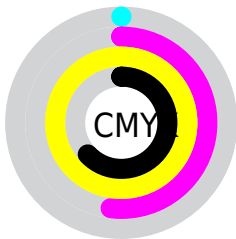
Blue (0%)



Red (37%)

Yellow (35%)

Blue (0%)

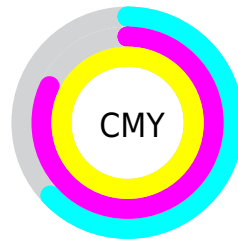


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (63%)



Cyan (63%)

Magenta (82%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6237696 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 6237696 by changing the saturation by 10% instead.



 6237696

 6237696

 16777189

 4462592

 9854256

 2818560

 11760967

 0

 13668191

 15641209

 16762259

 16769454

 16776905

 6237696

■ 6238985

■ 6240275

■ 6241565

■ 6242854

■ 6244144

■ 6245177

■ 6246467

■ 6247756

■ 6249046

# Harmonies

## Analogous

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



7217182



6237696



4733440

# Triad

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



6237696



18491



3879535

# Complementary

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



6237696



12639

# 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.



16248



6237696



18522

# Square

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



6237696



18204



18032



6300505

# Rectangle

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



6237696



3489792



18032



2439028



# Sweetspot

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



6237696



8021846



6225969



4010535



12434877



4013373



# Same Dimension

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



6237696



8010496



6249728



3157548



7353856



15758336



# Inverse Universe

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



12639



16250



607



2895408



14960

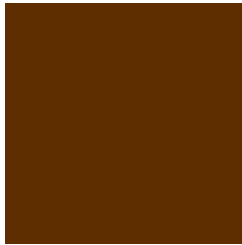


31984



# Previews

## White Background



This preview shows how the Decimal color 6237696 looks on a white background.

## Color Contrast Check

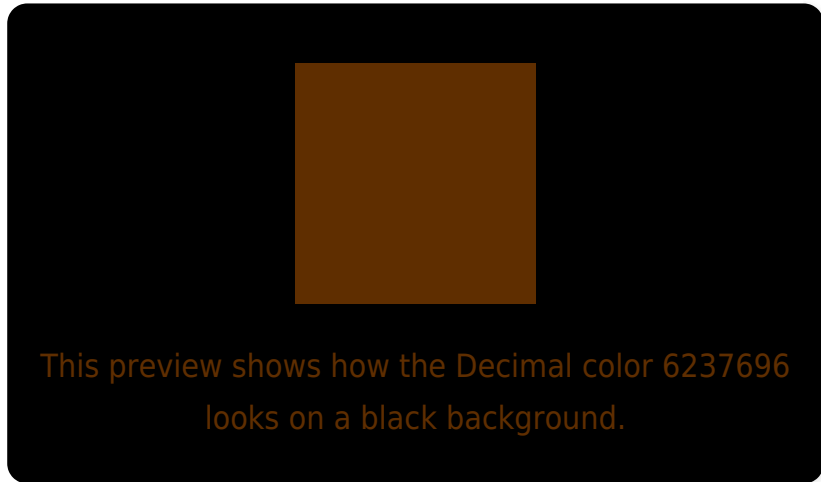
Large Text (above 18pt) WCAG AA ✓ Pass

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

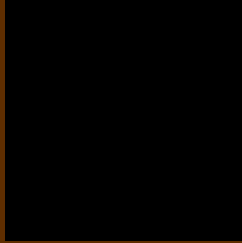
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6237696 Background



This preview shows how black text looks on a background with the Decimal color 6237696.



This preview shows how white text looks on a background with the Decimal color 6237696.

# 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**  
6237696

**Protanopia**  
4471816

**Deuteranopia**  
4995328



**Tritanopia**  
6302510

# Trichromacy



**Original Color**  
6237696

**Protanomaly**  
5125893

**Deuteranomaly**  
5453056

**Tritanomaly**  
6302749

# Monochromacy



**Original Color**  
6237696

**Achromatopsia**  
3618615

**Achromatomaly**  
4600867

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6237696 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 #5F2E00 looks like.

```
.text, #text, p{  
    color:#5F2E00  
}
```

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 #5F2E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F2E00
}
```

## Border

The CSS property to change the border of an element to Decimal 6237696 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
#5F2E00 }
```

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

```
.border{ border-color:#5F2E00 }
```

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

Here you see how a box with a 4 pixel #5F2E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F2E00; -webkit-box-shadow:4px 4px  
4px 4px #5F2E00; box-shadow:4px 4px 4px  
4px #5F2E00 }
```

# Background

The CSS property to change the background color of an element to Decimal 6237696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F2E00 }
```

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

```
.background{ background-color:#5F2E00 }
```

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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