

# Converting Colors

Decimal(6230823)

Have a look what the booklet for  
Decimal(6230823) contains.

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**Color**

**Decimal(6230823)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F1327
RGB	95, 19, 39
RGB Percent	37%, 7%, 15%
CMY	0.6275, 0.9255, 0.8471
CMYK	0.00, 0.80, 0.59, 0.63
HSL	344°, 67%, 22%
HSV	344°, 80%, 37%
XYZ	5.3184, 3.0451, 2.2269
YIQ	44.0040, 38.8760, 22.3320

# Conversions

## Conversions Part 2

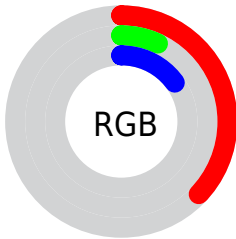
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 19, 39
Decimal	6230823
CIELab	20.22, 35.11, 7.76
CIELCh	20, 35.953, 12.465
Yxy	3.0451, 0.5022, 0.2875
Android (android.graphics.Color)	4284420903 (0xFF5F1327)
YUV	44.0040, -2.4670, 44.7235
Hunter-Lab	17.4503, 23.8642, 4.6489

# Details

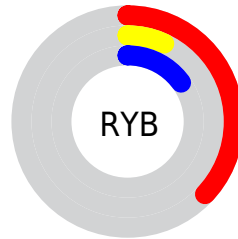
The Decimal color **6230823** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1269579**, and the grayscale version is **2894892**.

A 20% lighter version of the original color is **9848148**, and **3080193** is the 20% darker color. If you saturate the color by 10%, you get **6228256**, and if you desaturate by 10%, it is **6233390**.

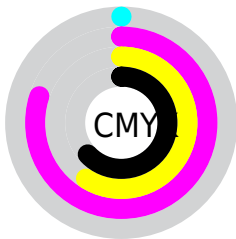
# Distribution



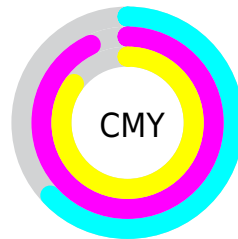
- Red (37%)
- Green (7%)
- Blue (15%)



- Red (37%)
- Yellow (7%)
- Blue (15%)



- Cyan (0%)
- Magenta (80%)
- Yellow (59%)
- Black (63%)



- Cyan (63%)
- Magenta (93%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6230823 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 6230823 by changing the saturation by 10% instead.





6230823



6230823

16777215



4522003



9848148



3080193



11689580



0



13531269



15504287



16756410



16763606



16770802



6230823



6230823

■ 6228256

■ 6233390

■ 6225945

■ 6235701

■ 6238268

■ 6240579

■ 6243146

■ 6245457

■ 6248024

■ 6250335

■ 6252902

# Harmonies

## Analogous

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



5773121



6230823



5840141

# Triad

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



6230823



1325315



14435

# Complementary

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



6230823



1269579

# 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.



15444



6230823



15392

# Square

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



6230823



3355392



15675



12389

# Rectangle

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



6230823



5187072



15675



14944



# Sweetspot

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



6230823



8019301



4920159



4008752



12434877



4013373



# Same Dimension

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



6230823



7996708



6235411



3157037



7340062



15728703



# Inverse Universe

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



6230823



7996708



1264991



3157037



7340062

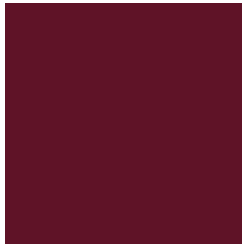


15728703



# Previews

## White Background



This preview shows how the Decimal color 6230823 looks on a white background.

## Color Contrast Check

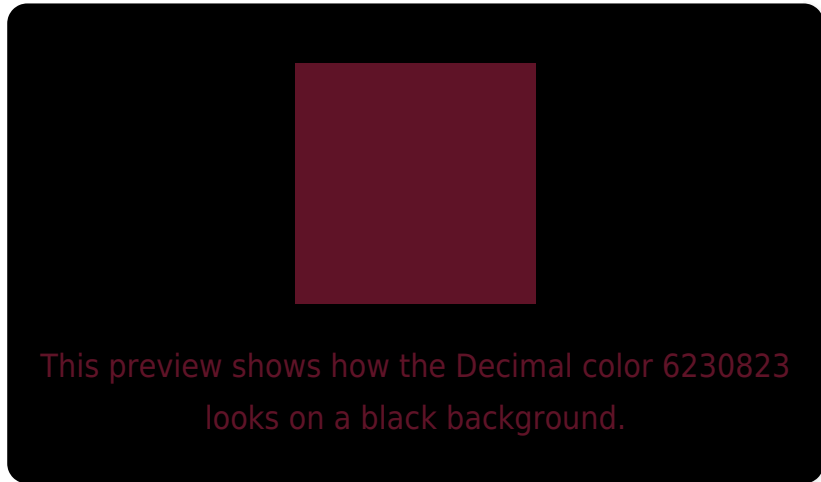
Large Text (above 18pt) WCAG AA ✓ Pass

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 6230823 Background



This preview shows how black text looks on a background with the Decimal color 6230823.



This preview shows how white text looks on a background with the Decimal color 6230823.

# 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**  
6230823

**Protanopia**  
3355446

**Deuteranopia**  
4010275



**Tritanopia**  
6166295

# Trichromacy



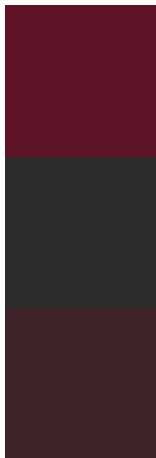
**Original Color**  
6230823

**Protanomaly**  
4400945

**Deuteranomaly**  
4793892

**Tritanomaly**  
6166045

# Monochromacy



**Original Color**  
6230823

**Achromatopsia**  
2894892

**Achromatomaly**  
4137770

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6230823 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 #5F1327 looks like.

```
.text, #text, p{  
    color:#5F1327  
}
```

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 #5F1327 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F1327
}
```

## Border

The CSS property to change the border of an element to Decimal 6230823 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".

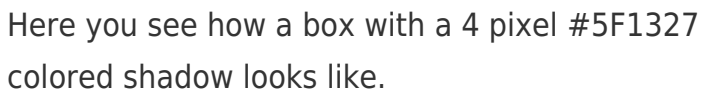
```
.border, #border, table{ border:4px solid
#5F1327 }
```

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

```
.border{ border-color:#5F1327 }
```

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

Here you see how a box with a 4 pixel #5F1327 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F1327; -webkit-box-shadow:4px 4px  
4px 4px #5F1327; box-shadow:4px 4px 4px  
4px #5F1327 }
```

# Background

The CSS property to change the background color of an element to Decimal 6230823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F1327 }
```

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

```
.background{ background-color:#5F1327 }
```

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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