

Converting Colors

Decimal(6232378)

Have a look what the booklet for
Decimal(6232378) contains.

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Color

Decimal(6232378)

Conversions

Conversions Part 1

Format	Color
Hex	5F193A
RGB	95, 25, 58
RGB Percent	37%, 10%, 23%
CMY	0.6275, 0.9020, 0.7725
CMYK	0.00, 0.74, 0.39, 0.63
HSL	332°, 58%, 24%
HSV	332°, 74%, 37%
XYZ	5.8307, 3.4336, 4.3584
YIQ	49.6920, 31.1270, 25.1030

Conversions

Conversions Part 2

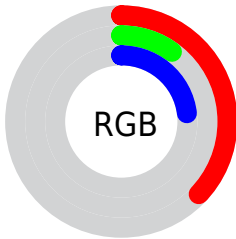
Format	Color
RYB	95, 25, 58
Decimal	6232378
CIELab	21.70, 34.68, -3.41
CIElCh	22, 34.849, 354.384
Yxy	3.4336, 0.4280, 0.2521
Android (android.graphics.Color)	4284422458 (0xFF5F193A)
YUV	49.6920, 4.0958, 39.7351
Hunter-Lab	18.5301, 23.7390, -0.9744

Details

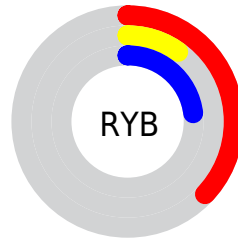
The Decimal color **6232378** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1662782**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **9718377**, and **3080207** is the 20% darker color. If you saturate the color by 10%, you get **6229813**, and if you desaturate by 10%, it is **6234687**.

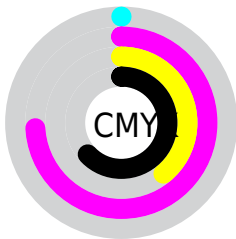
Distribution



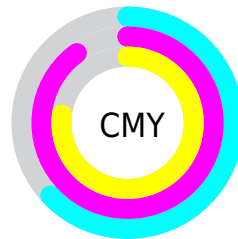
- Red (37%)
- Green (10%)
- Blue (23%)



- Red (37%)
- Yellow (10%)
- Blue (23%)



- Cyan (0%)
- Magenta (74%)
- Yellow (39%)
- Black (63%)



- Cyan (63%)
- Magenta (90%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6232378 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 6232378 by changing the saturation by 10% instead.

6232378

6232378

16777215

4522020

9718377

3080207

11560066

0

13401500

15308983

16757715

16764911

16772351

6232378

6232378

■ 6229813

■ 6234687

■ 6227504

■ 6237252

■ 6225965

■ 6239817

■ 6242126

■ 6244691

■ 6247000

■ 6249565

■ 6251874

■ 6254183

Harmonies

Analogous

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



5120850



6232378



6363936

Triad

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



6232378



2898176



15966

Complementary

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



6232378



1662782

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.



16457



6232378



146708

Square

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



6232378



4534528



16174



14696

Rectangle

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



6232378



5972497



16174



16216

Sweetspot

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



6232378



8019820



4004191



4009269



12434877



4013373

Same Dimension

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



6232378



7999297



6232601



3157038



7340085



15728753

Inverse Universe

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



6232378



7999297



1662559



3157038



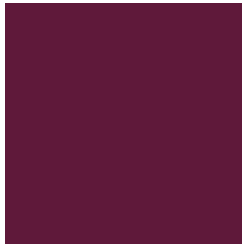
7340085



15728753

Previews

White Background



This preview shows how the Decimal color 6232378 looks on a white background.

Color Contrast Check

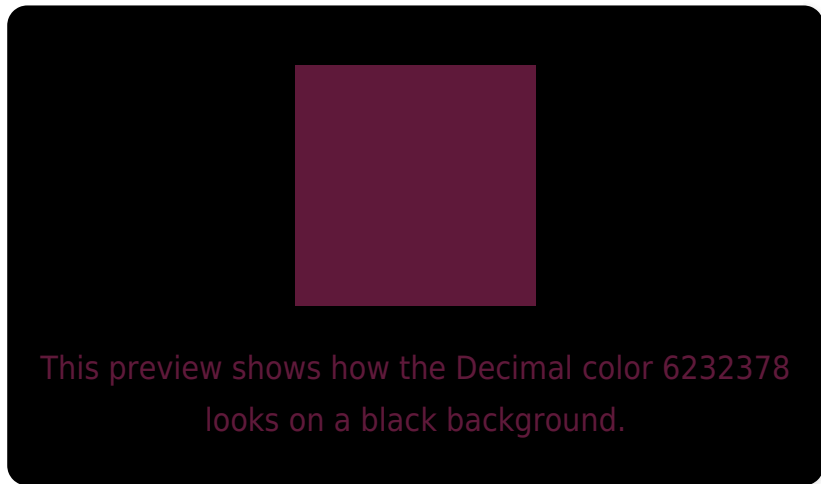
Large Text (above 18pt) WCAG AA ✓ Pass

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

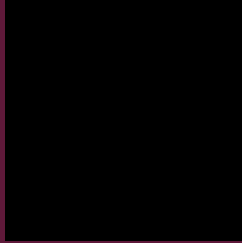
Any Text WCAG AA × Fail

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 6232378 Background



This preview shows how black text looks on a background with the Decimal color 6232378.



This preview shows how white text looks on a background with the Decimal color 6232378.

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
6232378

Protanopia
3028300

Deuteranopia
3814454



Tritanopia
6103073

Trichromacy



Original Color

6232378

Protanomaly

4205381

Deuteranomaly

4663863

Tritanomaly

6167850

Monochromacy



Original Color

6232378

Achromatopsia

3289650

Achromatomaly

4335925

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6232378 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 #5F193A looks like.

```
.text, #text, p{  
    color:#5F193A  
}
```

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 #5F193A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F193A
}
```

Border

The CSS property to change the border of an element to Decimal 6232378 is called "border". The border property can be set on classes, ids or directly on the HTML element.

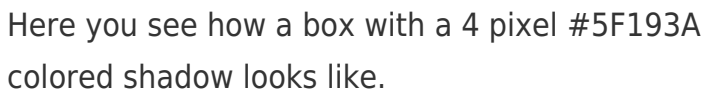
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F193A }
```

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

```
.border{ border-color:#5F193A }
```

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



Here you see how a box with a 4 pixel #5F193A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F193A; -webkit-box-shadow:4px 4px  
4px 4px #5F193A; box-shadow:4px 4px 4px  
4px #5F193A }
```

Background

The CSS property to change the background color of an element to Decimal 6232378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F193A }
```

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

```
.background{ background-color:#5F193A }
```

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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