

# Converting Colors

Decimal(6242904)

Have a look what the booklet for  
Decimal(6242904) contains.

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**Color**

**Decimal(6242904)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F4258
RGB	95, 66, 88
RGB Percent	37%, 26%, 35%
CMY	0.6275, 0.7412, 0.6549
CMYK	0.00, 0.31, 0.07, 0.63
HSL	314°, 18%, 32%
HSV	314°, 31%, 37%
XYZ	8.4290, 7.0339, 10.1459
YIQ	77.1790, 10.2220, 12.9900

# Conversions

## Conversions Part 2

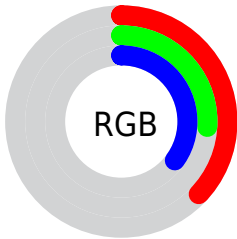
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 66, 88
Decimal	6242904
CIE <sub>Lab</sub>	31.88, 16.57, -8.11
CIE <sub>LCh</sub>	32, 18.454, 333.918
Yxy	7.0339, 0.3291, 0.2747
Android (android.graphics.Color)	4284432984 (0xFF5F4258)
YUV	77.1790, 5.3348, 15.6290
Hunter-Lab	26.5215, 10.3176, -4.1166

# Details

The Decimal color **6242904** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4349769**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **9597578**, and **3151403** is the 20% darker color. If you saturate the color by 10%, you get **6240598**, and if you desaturate by 10%, it is **6245466**.

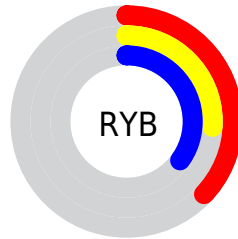
# Distribution



Red (37%)

Green (26%)

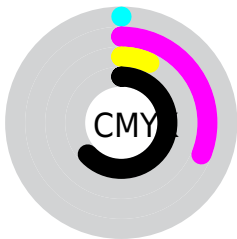
Blue (35%)



Red (37%)

Yellow (26%)

Blue (35%)

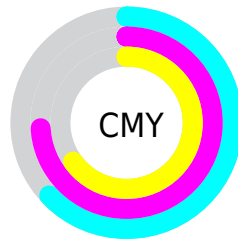


Cyan (0%)

Magenta (31%)

Yellow (7%)

Black (63%)



Cyan (63%)

Magenta (74%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6242904 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 6242904 by changing the saturation by 10% instead.





6242904



6242904

16777215



4664385



9597578



3151403



11373732



1900567



13149887



0



14992091



16768760



16775935



6242904



6242904



6240598



6245466

6238035

6247773

6235729

6250335

6233167

6252641

6230861

6255203

6228298

6257510

6225992

6260072

6262378

6264941

# Harmonies

## Analogous

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



5195619



6242904



6766666

# Triad

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



6242904



5458734



1659483

# Complementary

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



6242904



4349769

# 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.



2249548



6242904



4476723

# Square

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



6242904



6243889



3297854



2379877

# Rectangle

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



6242904



6832448



3297854



1725270



# Sweetspot

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



6242904



8023928



4801119



4011580



12434877



4013373



# Same Dimension

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



6242904



8015215



6242890



3157039



7340117



15728822



# Inverse Universe

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



6242904



8015215



4349783



3157039



7340117



15728822



# Previews

## White Background



This preview shows how the Decimal color 6242904 looks on a white background.

## Color Contrast Check

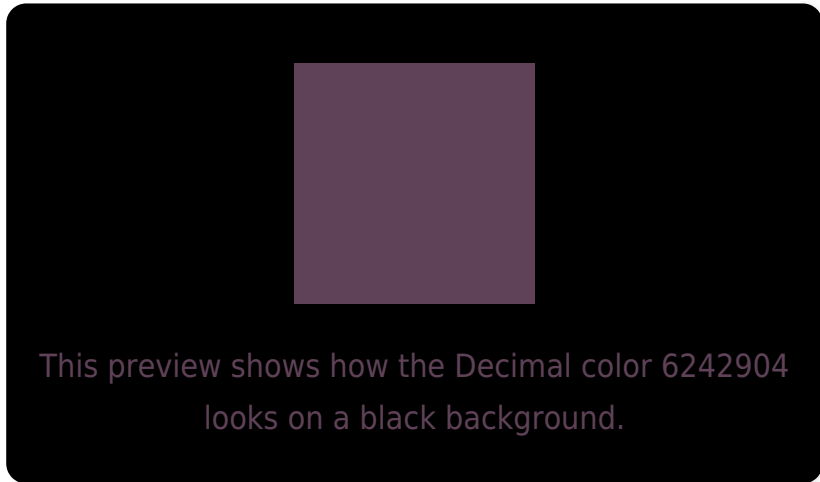
Large Text (above 18pt) WCAG AA ✓ Pass

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

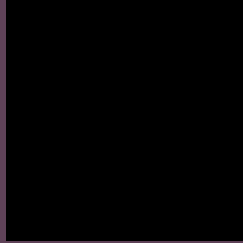
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6242904 Background



This preview shows how black text looks on a background with the Decimal color 6242904.



This preview shows how white text looks on a background with the Decimal color 6242904.

# 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**  
6242904

**Protanopia**  
4672350

**Deuteranopia**  
5065047



**Tritanopia**  
6112586

# Trichromacy



**Original Color**  
6242904

**Protanomaly**  
5261404

**Deuteranomaly**  
5523031

**Tritanomaly**  
6177871

# Monochromacy



**Original Color**  
6242904

**Achromatopsia**  
5066061

**Achromatomaly**  
5523793

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6242904 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 #5F4258 looks like.

```
.text, #text, p{  
    color:#5F4258  
}
```

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 #5F4258 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4258
}
```

## Border

The CSS property to change the border of an element to Decimal 6242904 is called "border". The border property can be set on classes, ids or directly on the HTML element.

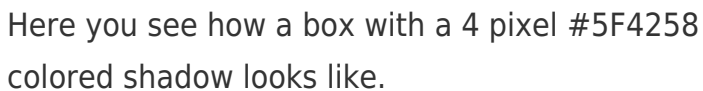
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F4258 }
```

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

```
.border{ border-color:#5F4258 }
```

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



Here you see how a box with a 4 pixel #5F4258 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4258; -webkit-box-shadow:4px 4px  
4px 4px #5F4258; box-shadow:4px 4px 4px  
4px #5F4258 }
```

# Background

The CSS property to change the background color of an element to Decimal 6242904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4258 }
```

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

```
.background{ background-color:#5F4258 }
```

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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