

# Converting Colors

Decimal(6240362)

Have a look what the booklet for  
Decimal(6240362) contains.

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# Color

**Decimal(6240362)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F386A
RGB	95, 56, 106
RGB Percent	37%, 22%, 42%
CMY	0.6275, 0.7804, 0.5843
CMYK	0.10, 0.47, 0.00, 0.58
HSL	287°, 31%, 32%
HSV	287°, 47%, 42%
XYZ	8.7350, 6.3019, 14.3917
YIQ	73.3610, 7.1940, 23.8180

# Conversions

## Conversions Part 2

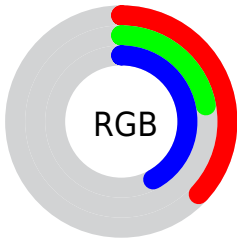
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 56, 106
Decimal	6240362
CIE <sub>Lab</sub>	30.16, 26.67, -22.29
CIE <sub>LCh</sub>	30, 34.754, 320.108
Yxy	6.3019, 0.2968, 0.2141
Android (android.graphics.Color)	4284430442 (0xFF5F386A)
YUV	73.3610, 16.0910, 18.9774
Hunter-Lab	25.1035, 18.1797, -16.4181

# Details

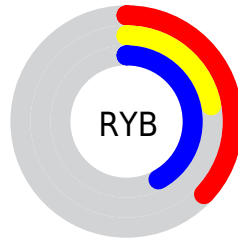
The Decimal color **6240362** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4418104**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **9660574**, and **3083066** is the 20% darker color. If you saturate the color by 10%, you get **6106474**, and if you desaturate by 10%, it is **6374250**.

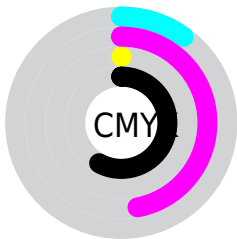
# Distribution



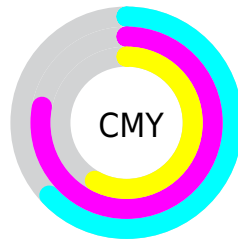
- Red (37%)
- Green (22%)
- Blue (42%)



- Red (37%)
- Yellow (22%)
- Blue (42%)



- Cyan (10%)
- Magenta (47%)
- Yellow (0%)
- Black (58%)



- Cyan (63%)
- Magenta (78%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6240362 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 6240362 by changing the saturation by 10% instead.





6240362



6240362

16777215



4661586



9660574



3083066



11436729



1966117



13212884



269



15120369



0



16765951



16773119



6240362



6240362



6106474



6374250

■ 5907306

■ 6573418

■ 5773418

■ 6707306

■ 5639786

■ 6840938

■ 5440362

■ 7040362

■ 5439594

■ 7174250

■ 7307882

■ 7507306

■ 7640938

# Harmonies

## Analogous

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



3622010



6240362



7614289

# Triad

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



6240362



6112014



21593

# Complementary

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



6240362



4418104

# 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.



21309



6240362



4475663

# Square

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



6240362



7288862



2314530



21104

# Rectangle

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



6240362



7876159



2314530



21584



# Sweetspot

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



6240362



8746634



3687530



4340037



12895428



4539717



# Same Dimension

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



6240362



7879562



6961245



3420214



5963893



12517621



# Inverse Universe

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



6961219



9059148



3697221



3551281



7667738

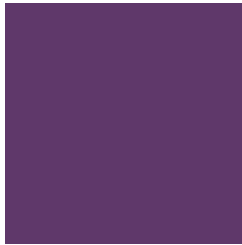


16056374



# Previews

## White Background



This preview shows how the Decimal color 6240362 looks on a white background.

## Color Contrast Check

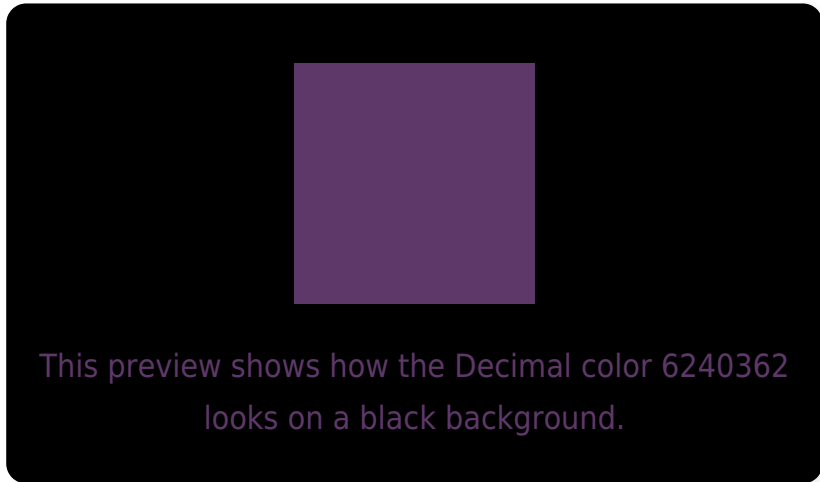
Large Text (above 18pt) WCAG AA ✓ Pass

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

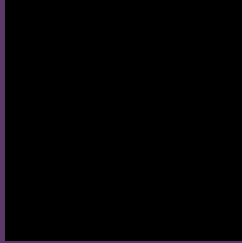
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6240362 Background



This preview shows how black text looks on a background with the Decimal color 6240362.

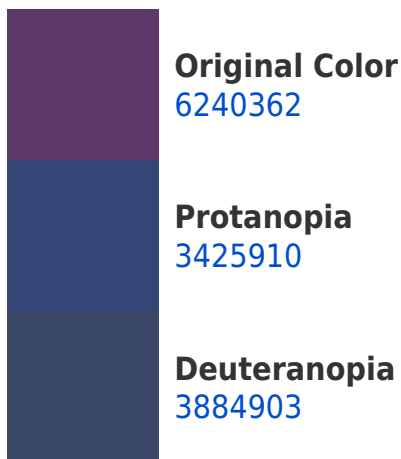



This preview shows how white text looks on a background with the Decimal color 6240362.

# 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





**Tritanopia**  
5914949

# Trichromacy



**Original Color**  
6240362

**Protanomaly**  
4473202

**Deuteranomaly**  
4735592

**Tritanomaly**  
6045266

# Monochromacy



**Original Color**  
6240362

**Achromatopsia**  
4802889

**Achromatomaly**  
5325653

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6240362 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 #5F386A looks like.

```
.text, #text, p{  
    color:#5F386A  
}
```

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 #5F386A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F386A
}
```

## Border

The CSS property to change the border of an element to Decimal 6240362 is called "border". The border property can be set on classes, ids or directly on the HTML element.

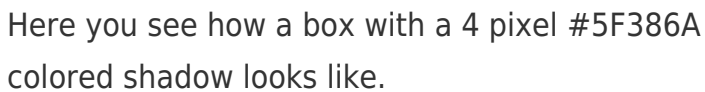
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F386A }
```

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

```
.border{ border-color:#5F386A }
```

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



Here you see how a box with a 4 pixel #5F386A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F386A; -webkit-box-shadow:4px 4px  
4px 4px #5F386A; box-shadow:4px 4px 4px  
4px #5F386A }
```

# Background

The CSS property to change the background color of an element to Decimal 6240362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F386A }
```

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

```
.background{ background-color:#5F386A }
```

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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