

# Converting Colors

Decimal(6178672)

Have a look what the booklet for  
Decimal(6178672) contains.

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# Color

**Decimal(6178672)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E4770
RGB	94, 71, 112
RGB Percent	37%, 28%, 44%
CMY	0.6314, 0.7216, 0.5608
CMYK	0.16, 0.37, 0.00, 0.56
HSL	274°, 22%, 36%
HSV	274°, 37%, 44%
XYZ	9.7940, 8.0560, 16.3680
YIQ	82.5510, 0.5470, 17.6270

# Conversions

## Conversions Part 2

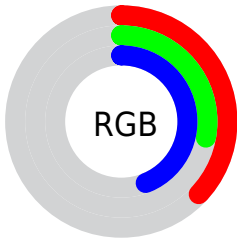
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 71, 112
Decimal	6178672
CIE <sub>Lab</sub>	34.10, 18.47, -19.96
CIE <sub>LCh</sub>	34, 27.195, 312.765
Yxy	8.0560, 0.2862, 0.2354
Android (android.graphics.Color)	4284368752 (0xFF5E4770)
YUV	82.5510, 14.5184, 10.0408
Hunter-Lab	28.3831, 11.9233, -14.3232

# Details

The Decimal color **6178672** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5861447**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **9533604**, and **3087168** is the 20% darker color. If you saturate the color by 10%, you get **5848176**, and if you desaturate by 10%, it is **6509168**.

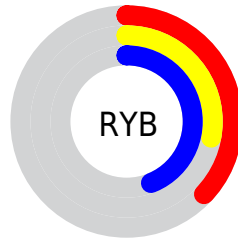
# Distribution



 Red (37%)

 Green (28%)

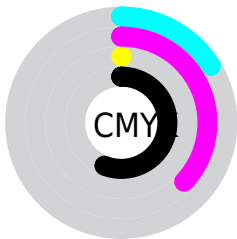
 Blue (44%)



 Red (37%)

 Yellow (28%)

 Blue (44%)

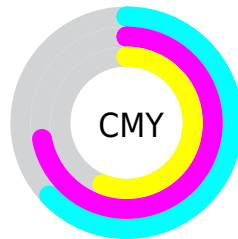


 Cyan (16%)

 Magenta (37%)

 Yellow (0%)

 Black (56%)



 Cyan (63%)

 Magenta (72%)

 Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6178672 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 6178672 by changing the saturation by 10% instead.





6178672



6178672

16777215



4599895



9533604



3087168



11309759



1704746



13085915



276



14993656



0



16770303



6178672



6178672



5848176



6509168



5517680



6839664

5186928

7170416

4856432

7500912

4525936

7831408

4195440

8161904

4128880

8426864

8757616

9088112

# Harmonies

## Analogous

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



4083578



6178672



7487582

# Triad

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



6178672



6834983



23385

# Complementary

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



6178672



5861447

# 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.



1923651



6178672



5526053

# Square

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



6178672



7684916



4020015



23149

# Rectangle

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



6178672



7880271



4020015



23378



# Sweetspot

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



6178672



9077137



4675952



4603978



13224393



4868682



# Same Dimension

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



6178672



7688593



7358318



3551800



4391032



9109751



# Inverse Universe

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



7358297



9523565



4681801



3682869



7864373



16187501



# Previews

## White Background



This preview shows how the Decimal color 6178672 looks on a white background.

## Color Contrast Check

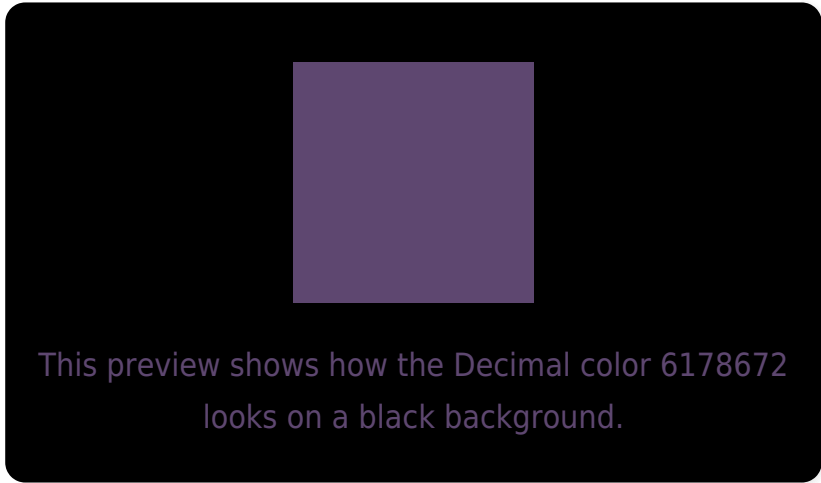
Large Text (above 18pt) WCAG AA ✓ Pass

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

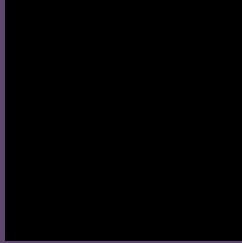
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6178672 Background



This preview shows how black text looks on a background with the Decimal color 6178672.



This preview shows how white text looks on a background with the Decimal color 6178672.

# 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**  
6178672

**Protanopia**  
4411254

**Deuteranopia**  
4673390



**Tritanopia**  
5852499

# Trichromacy



**Original Color**  
6178672

**Protanomaly**  
5065844

**Deuteranomaly**  
5196911

**Tritanomaly**  
5983070

# Monochromacy



**Original Color**  
6178672

**Achromatopsia**  
5460819

**Achromatomaly**  
5721950

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6178672 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 #5E4770 looks like.

```
.text, #text, p{  
    color:#5E4770  
}
```

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 #5E4770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4770
}
```

## Border

The CSS property to change the border of an element to Decimal 6178672 is called "border". The border property can be set on classes, ids or directly on the HTML element.

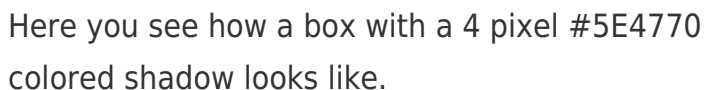
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E4770 }
```

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

```
.border{ border-color:#5E4770 }
```

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



Here you see how a box with a 4 pixel #5E4770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4770; -webkit-box-shadow:4px 4px  
4px 4px #5E4770; box-shadow:4px 4px 4px  
4px #5E4770 }
```

# Background

The CSS property to change the background color of an element to Decimal 6178672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4770 }
```

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

```
.background{ background-color:#5E4770 }
```

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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