

# Converting Colors

Decimal(6122364)

Have a look what the booklet for  
Decimal(6122364) contains.

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# Color

**Decimal(6122364)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D6B7C
RGB	93, 107, 124
RGB Percent	36%, 42%, 49%
CMY	0.6353, 0.5804, 0.5137
CMYK	0.25, 0.14, 0.00, 0.51
HSL	213°, 14%, 43%
HSV	213°, 25%, 49%
XYZ	13.4100, 14.2978, 21.1217
YIQ	104.7520, -13.8010, 2.3190

# Conversions

## Conversions Part 2

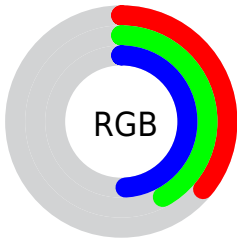
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 103, 124
Decimal	6122364
CIE Lab	44.66, -1.16, -11.20
CIE LCh	45, 11.255, 264.099
Yxy	14.2978, 0.2746, 0.2928
Android (android.graphics.Color)	4284312444 (0xFF5D6B7C)
YUV	104.7520, 9.4893, -10.3065
Hunter-Lab	37.8124, -2.8676, -6.6503

# Details

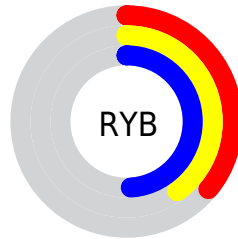
The Decimal color **6122364** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8154717**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **9477809**, and **3030091** is the 20% darker color. If you saturate the color by 10%, you get **5334140**, and if you desaturate by 10%, it is **6910588**.

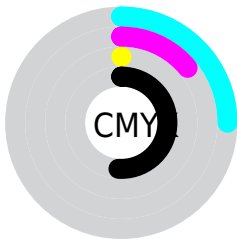
# Distribution



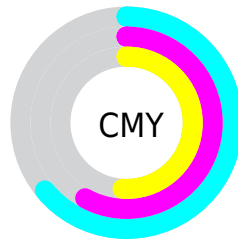
- Red (36%)
- Green (42%)
- Blue (49%)



- Red (36%)
- Yellow (40%)
- Blue (49%)



- Cyan (25%)
- Magenta (14%)
- Yellow (0%)
- Black (51%)



- Cyan (64%)
- Magenta (58%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6122364 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 6122364 by changing the saturation by 10% instead.





6122364



6122364

16777215



4543331



9477809



3030091



11188684



1582645



13030888



4383



14873087



5



0



6122364



6122364



5334140



6910588



4480380



7764348

■ 3692412

■ 8552316

■ 2838652

■ 9406076

■ 2050428

■ 10194300

■ 1262204

■ 10982524

■ 408444

■ 11836284

■ 14460

■ 12624252

■ 13478012

# Harmonies

## Analogous

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



5533304



6122364



6908027

# Triad

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



6122364



8217442



6188638

# Complementary

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



6122364



8154717

# 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.



6908760



6122364



8021339

# Square

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



6122364



8086380



7563351



5599079

# Rectangle

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



6122364



7431799



7563351



6450524



# Sweetspot

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



6122364



9738913



6126702



4803922



13750737



5395026



# Same Dimension

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



6122364



7374497



6184316



3619389



14461



29436



# Inverse Universe

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



8150379



10580102



8092765



4011834



8192056



16515186



# Previews

## White Background



This preview shows how the Decimal color 6122364 looks on a white background.

## Color Contrast Check

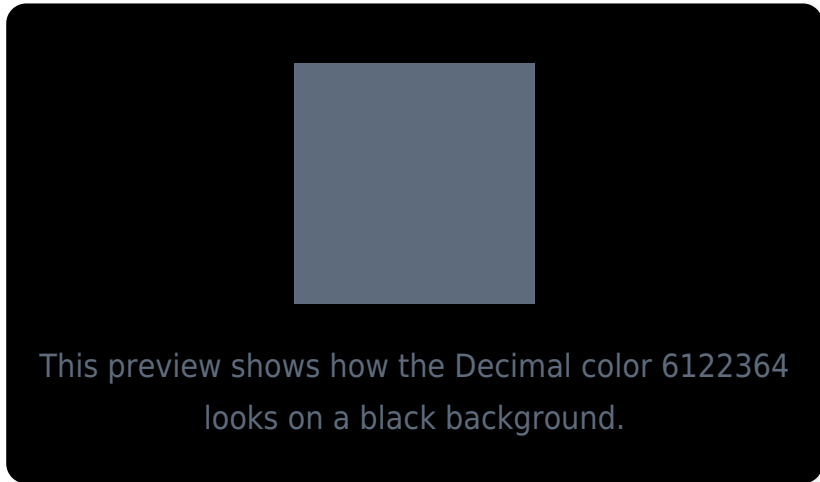
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

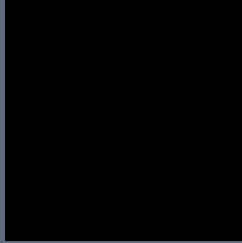
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

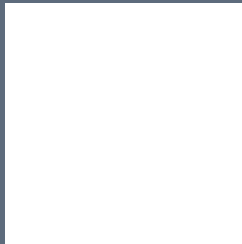
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6122364 Background



This preview shows how black text looks on a background with the Decimal color 6122364.

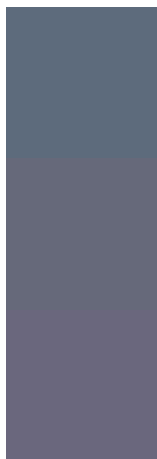


This preview shows how white text looks on a background with the Decimal color 6122364.

# 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**

6122364

**Protanopia**

6711674

**Deuteranopia**

6973309



**Tritanopia**  
6057077

# Trichromacy



**Original Color**  
6122364

**Protanomaly**  
6515323

**Deuteranomaly**  
6645885

**Tritanomaly**  
6057080

# Monochromacy



**Original Color**  
6122364

**Achromatopsia**  
6908265

**Achromatomaly**  
6646384

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6122364 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 #5D6B7C looks like.

```
.text, #text, p{  
    color:#5D6B7C  
}
```

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 #5D6B7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6B7C
}
```

## Border

The CSS property to change the border of an element to Decimal 6122364 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
#5D6B7C }
```

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

```
.border{ border-color:#5D6B7C }
```

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

Here you see how a box with a 4 pixel #5D6B7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6B7C; -webkit-box-shadow:4px 4px  
4px 4px #5D6B7C; box-shadow:4px 4px 4px  
4px #5D6B7C }
```

# Background

The CSS property to change the background color of an element to Decimal 6122364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6B7C }
```

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

```
.background{ background-color:#5D6B7C }
```

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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