

# Converting Colors

Decimal(6120802)

Have a look what the booklet for  
Decimal(6120802) contains.

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# Color

**Decimal(6120802)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D6562
RGB	93, 101, 98
RGB Percent	36%, 40%, 38%
CMY	0.6353, 0.6039, 0.6157
CMYK	0.08, 0.00, 0.03, 0.60
HSL	158°, 4%, 38%
HSV	158°, 8%, 40%
XYZ	11.3725, 12.5164, 13.3718
YIQ	98.2660, -3.8050, -2.6290

# Conversions

## Conversions Part 2

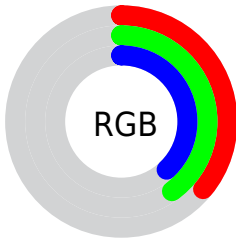
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 98, 101
Decimal	6120802
CIE <sub>Lab</sub>	42.03, -3.73, 0.63
CIE <sub>LCh</sub>	42, 3.780, 170.385
Yxy	12.5164, 0.3052, 0.3359
Android (android.graphics.Color)	4284310882 (0xFF5D6562)
YUV	98.2660, -0.1311, -4.6183
Hunter-Lab	35.3785, -4.5331, 2.3555

# Details

The Decimal color **6120802** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6643040**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **9410709**, and **3094068** is the 20% darker color. If you saturate the color by 10%, you get **5465438**, and if you desaturate by 10%, it is **6776166**.

# Distribution



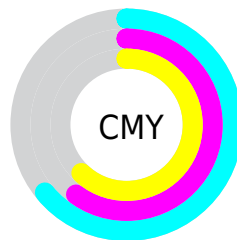
- Red (36%)
- Green (40%)
- Blue (38%)



- Red (36%)
- Yellow (38%)
- Blue (40%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6120802 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 6120802 by changing the saturation by 10% instead.





6120802



6120802

16777215



4541770



9410709



3094068



11187119



1712415



12963531



2566



14805735



0

16711679



6120802



6120802



5465438



6776166



4810074



7431530

■ 4154711

■ 8086893

■ 3499347

■ 8742257

■ 2843983

■ 9463157

■ 2123083

■ 10118521

■ 1467719

■ 10773885

■ 812356

■ 11429248

■ 156992

■ 12084612

# Harmonies

## Analogous

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



6317151



6120802



6055269

# Triad

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



6120802



6513513



6906462

# Complementary

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



6120802



6643040

# 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.



6971745



6120802



6709863

# Square

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



6120802



6251625



6906212



6775645

# Rectangle

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



6120802



6055271



6906212



6971743



# Sweetspot

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



6120802



8356481



6317405



4276802



12763842



4342338



# Same Dimension

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



6120802



7701117



6120549



3027761



29512



62103



# Inverse Universe

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



6643040



8549754



6643293



3354160



7536683



15859803



# Previews

## White Background



This preview shows how the Decimal color 6120802 looks on a white background.

## Color Contrast Check

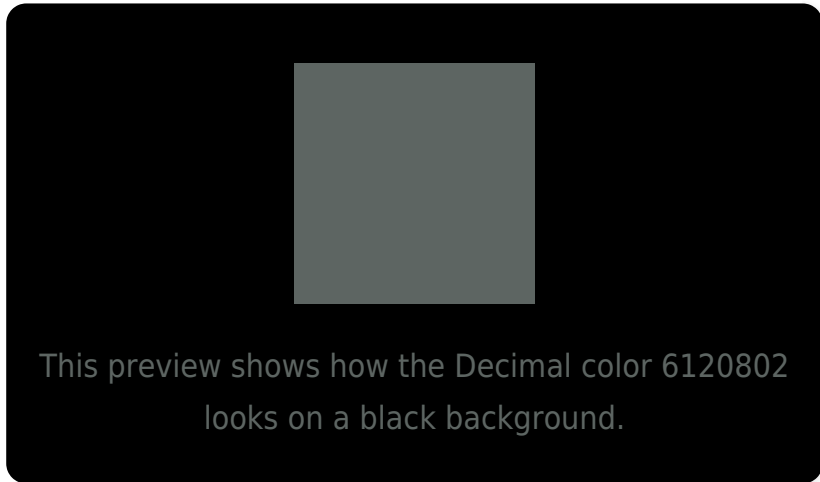
Large Text (above 18pt) WCAG AA ✓ Pass

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

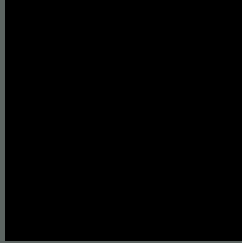
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

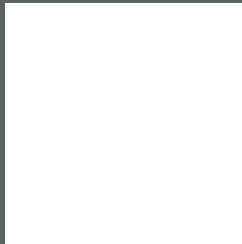
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6120802 Background



This preview shows how black text looks on a background with the Decimal color 6120802.



This preview shows how white text looks on a background with the Decimal color 6120802.

# 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**  
6120802

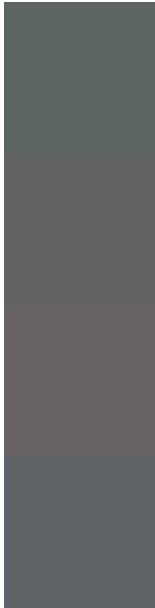
**Protanopia**  
6644577

**Deuteranopia**  
7168099



**Tritanopia**  
6251627

# Trichromacy



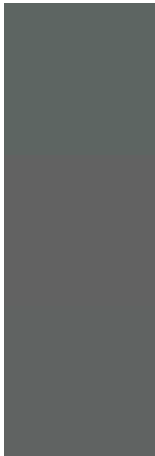
**Original Color**  
6120802

**Protanomaly**  
6448225

**Deuteranomaly**  
6775395

**Tritanomaly**  
6186088

# Monochromacy



**Original Color**  
6120802

**Achromatopsia**  
6447714

**Achromatomaly**  
6316898

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6120802 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 #5D6562 looks like.

```
.text, #text, p{  
  color:#5D6562  
}
```

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 #5D6562 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6562
}
```

## Border

The CSS property to change the border of an element to Decimal 6120802 is called "border". The border property can be set on classes, ids or directly on the HTML element.

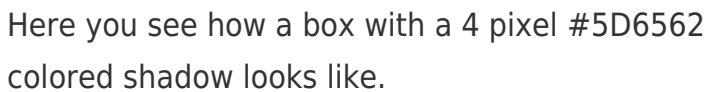
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D6562 }
```

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

```
.border{ border-color:#5D6562 }
```

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



Here you see how a box with a 4 pixel #5D6562 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6562; -webkit-box-shadow:4px 4px  
4px 4px #5D6562; box-shadow:4px 4px 4px  
4px #5D6562 }
```

# Background

The CSS property to change the background color of an element to Decimal 6120802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6562 }
```

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

```
.background{ background-color:#5D6562 }
```

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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