

# Converting Colors

Decimal(6119745)

Have a look what the booklet for  
Decimal(6119745) contains.

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**Color**

**Decimal(6119745)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D6141
RGB	93, 97, 65
RGB Percent	36%, 38%, 25%
CMY	0.6353, 0.6196, 0.7451
CMYK	0.04, 0.00, 0.33, 0.62
HSL	68°, 20%, 32%
HSV	68°, 33%, 38%
XYZ	9.7430, 11.2582, 6.6606
YIQ	92.1560, 7.8880, -10.8000

# Conversions

## Conversions Part 2

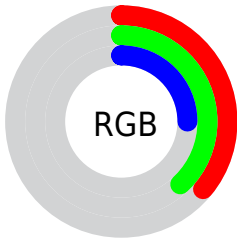
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 97, 69
Decimal	6119745
CIELab	40.01, -7.43, 17.77
CIElCh	40, 19.259, 112.686
Yxy	11.2582, 0.3522, 0.4070
Android (android.graphics.Color)	4284309825 (0xFF5D6141)
YUV	92.1560, -13.3879, 0.7402
Hunter-Lab	33.5532, -6.8862, 11.7178

# Details

The Decimal color **6119745** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4538721**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **9475185**, and **3027734** is the 20% darker color. If you saturate the color by 10%, you get **6054199**, and if you desaturate by 10%, it is **6185291**.

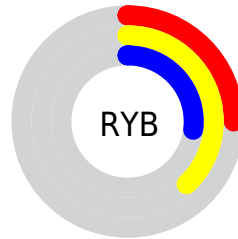
# Distribution



Red (36%)

Green (38%)

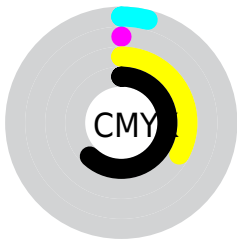
Blue (25%)



Red (25%)

Yellow (38%)

Blue (27%)

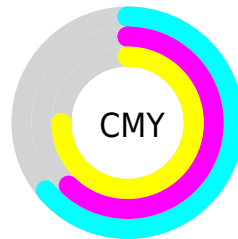


Cyan (4%)

Magenta (0%)

Yellow (33%)

Black (62%)



Cyan (64%)

Magenta (62%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6119745 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 6119745 by changing the saturation by 10% instead.



■ 6119745

■ 6119745

16777215

■ 4540715

■ 9475185

■ 3027734

■ 11185803

■ 1777152

■ 13027749

■ 0

■ 14870208

■ 16777180

■ 16777209

■ 6119745

■ 6119745

■ 6054199

■ 6185291

■ 5988654

■ 6250836

■ 5857572

■ 6381918

■ 5792026

■ 6447464

■ 5726481

■ 6513010

■ 5660935

■ 6578555

■ 5595392

■ 6644101

■ 6775183

■ 6840728

# Harmonies

## Analogous

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



7167039



6119745



4941131

# Triad

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



6119745



3237239



8082275

# Complementary

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



6119745



4538721

# 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.



7296625



6119745



4481405

# Square

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



6119745



2975594



5987451



8278867

# Rectangle

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



6119745



4154964



5987451



7885928



# Sweetspot

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



6119745



8093040



6374721



4145208



12566463



4210752



# Same Dimension

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



6119745



7830859



5071169



3158060



6451200



13824000



# Inverse Universe

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



4538721



5327741



5587297



2894896



917616



1966320



# Previews

## White Background



This preview shows how the Decimal color 6119745 looks on a white background.

## Color Contrast Check

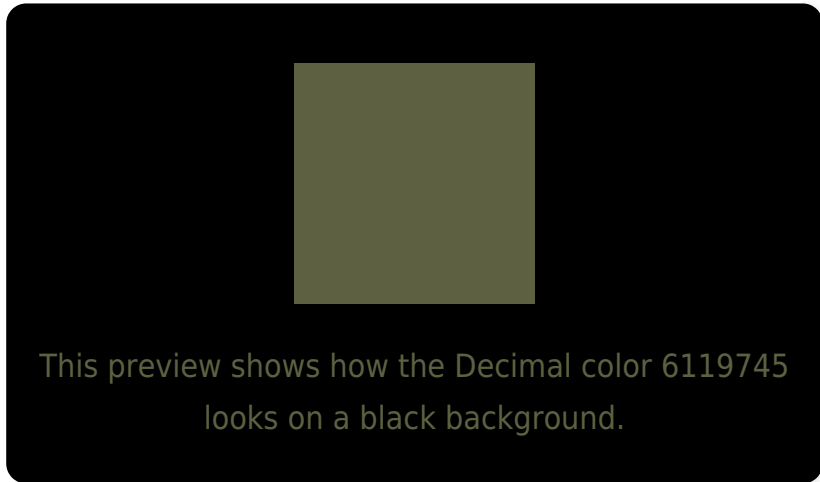
Large Text (above 18pt) WCAG AA ✓ Pass

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

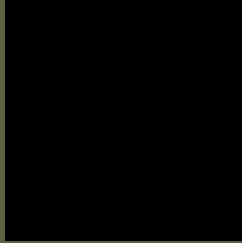
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6119745 Background



This preview shows how black text looks on a background with the Decimal color 6119745.



This preview shows how white text looks on a background with the Decimal color 6119745.

# 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**  
6119745

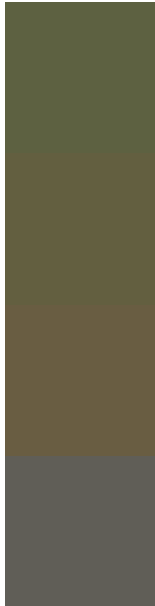
**Protanopia**  
6708800

**Deuteranopia**  
7363138



**Tritanopia**  
6380900

# Trichromacy



**Original Color**  
6119745

**Protanomaly**  
6512448

**Deuteranomaly**  
6905154

**Tritanomaly**  
6315607

# Monochromacy



**Original Color**  
6119745

**Achromatopsia**  
6052956

**Achromatomaly**  
6053458

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6119745 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 #5D6141 looks like.

```
.text, #text, p{  
  color:#5D6141  
}
```

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 #5D6141 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6141
}
```

## Border

The CSS property to change the border of an element to Decimal 6119745 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
#5D6141 }
```

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

```
.border{ border-color:#5D6141 }
```

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

Here you see how a box with a 4 pixel #5D6141 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6141; -webkit-box-shadow:4px 4px  
4px 4px #5D6141; box-shadow:4px 4px 4px  
4px #5D6141 }
```

# Background

The CSS property to change the background color of an element to Decimal 6119745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6141 }
```

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

```
.background{ background-color:#5D6141 }
```

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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