

# Converting Colors

Decimal(6513549)

Have a look what the booklet for  
Decimal(6513549) contains.

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# Color

**Decimal(6513549)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63638D
RGB	99, 99, 141
RGB Percent	39%, 39%, 55%
CMY	0.6118, 0.6118, 0.4471
CMYK	0.30, 0.30, 0.00, 0.45
HSL	240°, 18%, 47%
HSV	240°, 30%, 55%
XYZ	14.4151, 13.4994, 27.0452
YIQ	103.7880, -13.4820, 13.0620

# Conversions

## Conversions Part 2

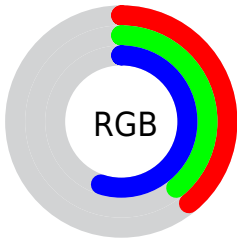
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 99, 141
Decimal	6513549
CIE <sub>Lab</sub>	43.51, 10.15, -23.12
CIE <sub>LCh</sub>	44, 25.253, 293.700
Yxy	13.4994, 0.2623, 0.2456
Android (android.graphics.Color)	4284703629 (0xFF63638D)
YUV	103.7880, 18.3455, -4.1991
Hunter-Lab	36.7416, 5.7348, -17.9239

# Details

The Decimal color **6513549** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9276771**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **9934531**, and **3290459** is the 20% darker color. If you saturate the color by 10%, you get **5592461**, and if you desaturate by 10%, it is **7434637**.

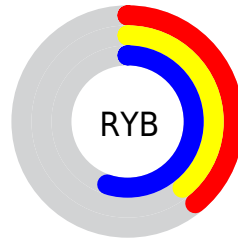
# Distribution



Red (39%)

Green (39%)

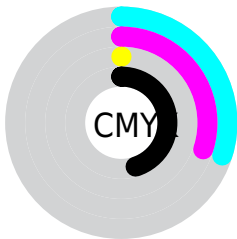
Blue (55%)



Red (39%)

Yellow (39%)

Blue (55%)

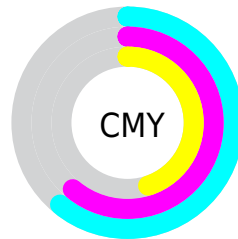


Cyan (30%)

Magenta (30%)

Yellow (0%)

Black (45%)



Cyan (61%)

Magenta (61%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6513549 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 6513549 by changing the saturation by 10% instead.





6513549



6513549

16777215



4868979



9934531



3290459



11710687



1777731



13552891



329773



15395071



279



0



6513549



6513549



5592461



7434637



4671373



8355725

■ 3750285

■ 9276813

■ 2829197

■ 10197901

■ 1908109

■ 11184781

■ 921229

■ 12105869

■ 141

■ 13026957

■ 13948045

■ 14869133

# Harmonies

## Analogous

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



4287120



6513549



8215680

# Triad

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



6513549



8936774



3240545

# Complementary

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



6513549



9276771

# 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.



4943693



6513549



7955517

# Square

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



6513549



9459799



6581056



1536631

# Rectangle

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



6513549



8935539



6581056



3830106



# Sweetspot

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



6513549



10987448



6524301



5395036



14408667



6052956



# Same Dimension

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



6513549



7763640



7889805



4210759



135



8



# Inverse Universe

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



9266061



12089016



7900515



4669511



8847495



524296



# Previews

## White Background



This preview shows how the Decimal color 6513549 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



This preview shows how the Decimal color 6513549 looks on a 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 6513549 Background



This preview shows how black text looks on a background with the Decimal color 6513549.



This preview shows how white text looks on a background with the Decimal color 6513549.

# 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](#).

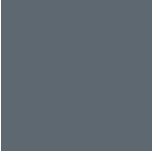
## Dichromacy



**Original Color**  
6513549

**Protanopia**  
5924239

**Deuteranopia**  
5989772



**Tritanopia**  
6121585

# Trichromacy



**Original Color**  
6513549

**Protanomaly**  
6120590

**Deuteranomaly**  
6186124

**Tritanomaly**  
6252155

# Monochromacy



**Original Color**  
6513549

**Achromatopsia**  
6842472

**Achromatomaly**  
6710901

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6513549 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 #63638D looks like.

```
.text, #text, p{  
    color:#63638D  
}
```

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 #63638D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63638D
}
```

## Border

The CSS property to change the border of an element to Decimal 6513549 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".

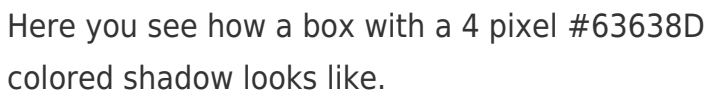
```
.border, #border, table{ border:4px solid
#63638D }
```

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

```
.border{ border-color:#63638D }
```

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

Here you see how a box with a 4 pixel #63638D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63638D; -webkit-box-shadow:4px 4px  
4px 4px #63638D; box-shadow:4px 4px 4px  
4px #63638D }
```

# Background

The CSS property to change the background color of an element to Decimal 6513549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63638D }
```

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

```
.background{ background-color:#63638D }
```

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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