

# Converting Colors

Decimal(6509173)

Have a look what the booklet for  
Decimal(6509173) contains.

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# Color

**Decimal(6509173)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	635275
RGB	99, 82, 117
RGB Percent	39%, 32%, 46%
CMY	0.6118, 0.6784, 0.5412
CMYK	0.15, 0.30, 0.00, 0.54
HSL	269°, 18%, 39%
HSV	269°, 30%, 46%
XYZ	11.3738, 9.9716, 18.1549
YIQ	91.0730, -1.1030, 14.4890

# Conversions

## Conversions Part 2

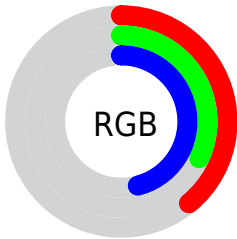
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 82, 117
Decimal	6509173
CIE <sub>Lab</sub>	37.79, 14.53, -17.34
CIE <sub>LCh</sub>	38, 22.621, 309.971
Yxy	9.9716, 0.2879, 0.2524
Android (android.graphics.Color)	4284699253 (0xFF635275)
YUV	91.0730, 12.7820, 6.9520
Hunter-Lab	31.5778, 9.0313, -11.9828

# Details

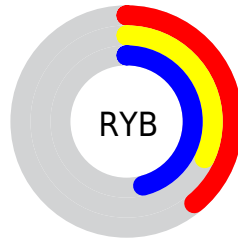
The Decimal color **6509173** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6583634**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **9864361**, and **3417413** is the 20% darker color. If you saturate the color by 10%, you get **6112885**, and if you desaturate by 10%, it is **6905461**.

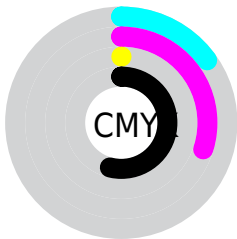
# Distribution



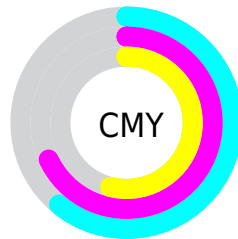
- Red (39%)
- Green (32%)
- Blue (46%)



- Red (39%)
- Yellow (32%)
- Blue (46%)



- Cyan (15%)
- Magenta (30%)
- Yellow (0%)
- Black (54%)



- Cyan (61%)
- Magenta (68%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6509173 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 6509173 by changing the saturation by 10% instead.



■ 6509173

■ 6509173

16777215

■ 4930396

■ 9864361

■ 3417413

■ 11640516

■ 1970478

■ 13482464

■ 26

■ 15324413

■ 0

■ 16773631

■ 6509173

■ 6509173

■ 6112885

■ 6905461

■ 5716853

■ 7301493

■ 5320565

■ 7697781

■ 4924277

■ 8094069

■ 4528245

■ 8490357

■ 4131957

■ 8886389

■ 3735669

■ 9282677

■ 9678965

■ 10074997

# Harmonies

## Analogous

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



4807037



6509173



7687526

# Triad

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



6509173



7361591



1925983

# Complementary

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



6509173



6583634

# 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.



3498572



6509173



6249013

# Square

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



6509173



8015426



4939580



1204848

# Rectangle

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



6509173



8080218



4939580



2450264



# Sweetspot

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



6509173



9603993



5399669



4736077



13421772



5066061



# Same Dimension

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



6509173



8217241



7623285



3683643



3866746



7930106



# Inverse Universe

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



7688804



10052222



5469522



3880248



7995455



16384129



# Previews

## White Background



This preview shows how the Decimal color 6509173 looks on a white background.

## Color Contrast Check

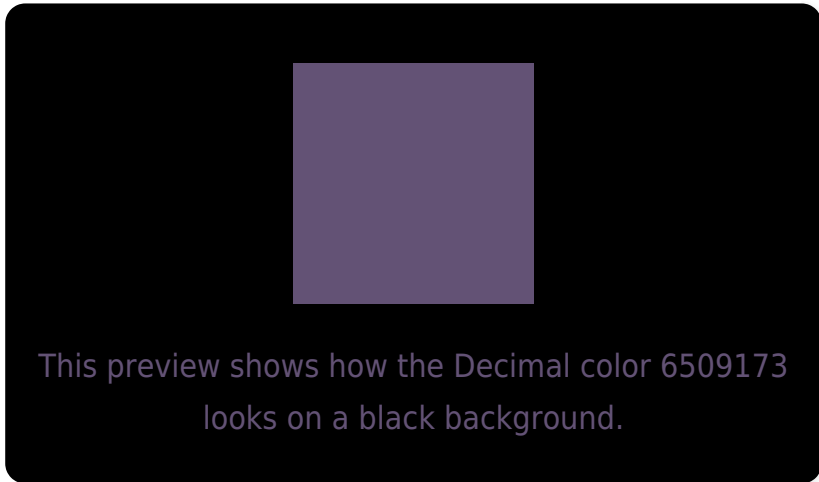
Large Text (above 18pt) WCAG AA ✓ Pass

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

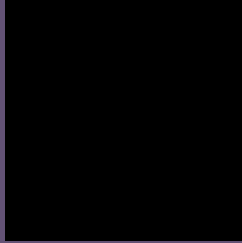
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6509173 Background



This preview shows how black text looks on a background with the Decimal color 6509173.



This preview shows how white text looks on a background with the Decimal color 6509173.

# 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](#).

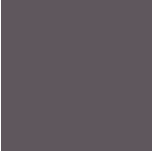
## Dichromacy



**Original Color**  
6509173

**Protanopia**  
5199993

**Deuteranopia**  
5462132



**Tritanopia**  
6248285

# Trichromacy



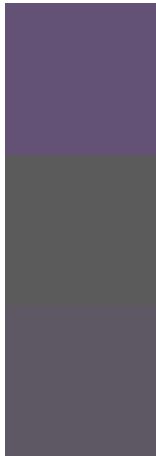
**Original Color**  
6509173

**Protanomaly**  
5658232

**Deuteranomaly**  
5854836

**Tritanomaly**  
6313318

# Monochromacy



**Original Color**  
6509173

**Achromatopsia**  
5987163

**Achromatomaly**  
6183012

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6509173 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 #635275 looks like.

```
.text, #text, p{  
  color:#635275  
}
```

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 #635275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635275
}
```

## Border

The CSS property to change the border of an element to Decimal 6509173 is called "border". The border property can be set on classes, ids or directly on the HTML element.

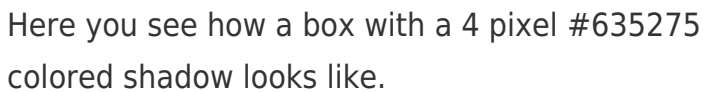
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#635275 }
```

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

```
.border{ border-color:#635275 }
```

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



Here you see how a box with a 4 pixel #635275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635275; -webkit-box-shadow:4px 4px  
4px 4px #635275; box-shadow:4px 4px 4px  
4px #635275 }
```

# Background

The CSS property to change the background color of an element to Decimal 6509173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635275 }
```

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

```
.background{ background-color:#635275 }
```

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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