

Converting Colors

Decimal(6506339)

Have a look what the booklet for
Decimal(6506339) contains.

Decimal(6506339)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6506339)

Conversions

Conversions Part 1

Format	Color
Hex	634763
RGB	99, 71, 99
RGB Percent	39%, 28%, 39%
CMY	0.6118, 0.7216, 0.6118
CMYK	0.00, 0.28, 0.00, 0.61
HSL	300°, 16%, 33%
HSV	300°, 28%, 39%
XYZ	9.6510, 8.0600, 12.8515
YIQ	82.5640, 7.7000, 14.6440

Conversions

Conversions Part 2

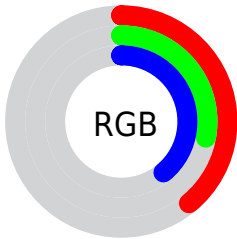
Format	Color
RYB	99, 71, 99
Decimal	6506339
CIELab	34.11, 17.28, -11.71
CIElCh	34, 20.879, 325.873
Yxy	8.0600, 0.3158, 0.2637
Android (android.graphics.Color)	4284696419 (0xFF634763)
YUV	82.5640, 8.1029, 14.4144
Hunter-Lab	28.3901, 10.9968, -6.9660

Details

The Decimal color **6506339** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4678471**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **9861270**, and **3414836** is the 20% darker color. If you saturate the color by 10%, you get **6503779**, and if you desaturate by 10%, it is **6508899**.

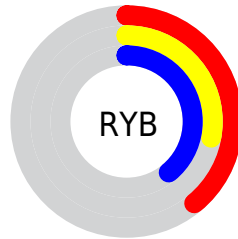
Distribution



Red (39%)

Green (28%)

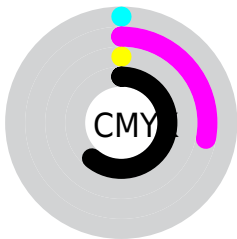
Blue (39%)



Red (39%)

Yellow (28%)

Blue (39%)

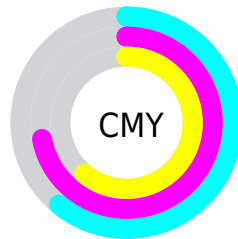


Cyan (0%)

Magenta (28%)

Yellow (0%)

Black (61%)



Cyan (61%)

Magenta (72%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6506339 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 6506339 by changing the saturation by 10% instead.

6506339

6506339

16777215

4927563

9861270

3414836

11637424

2032415

13479116

4

15321320

0

16770303

6506339

6506339

6503779

6508899

6501219

6511459

6498659

6514019

6496099

6516579

6493795

6519139

6491235

6521443

6488675

6524003

6488163

6526563

6529123

Harmonies

Analogous

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



5197166



6506339



7226451

Triad

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



6506339



6114863



1202526

Complementary

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



6506339



4678471

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.



2382157



6506339



5067826

Square

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



6506339



6965557



3757885



1726315

Rectangle

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



6506339



7423048



3757885



1530201

Sweetspot

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



6506339



8418688



4671331



4208960



12566463



4210752

Same Dimension

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



6506339



8410240



6506325



3157040



7340144



15728880

Inverse Universe

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



6506339



8410240



4678485



3157040



7340144



15728880

Previews

White Background



This preview shows how the Decimal color 6506339 looks on a white background.

Color Contrast Check

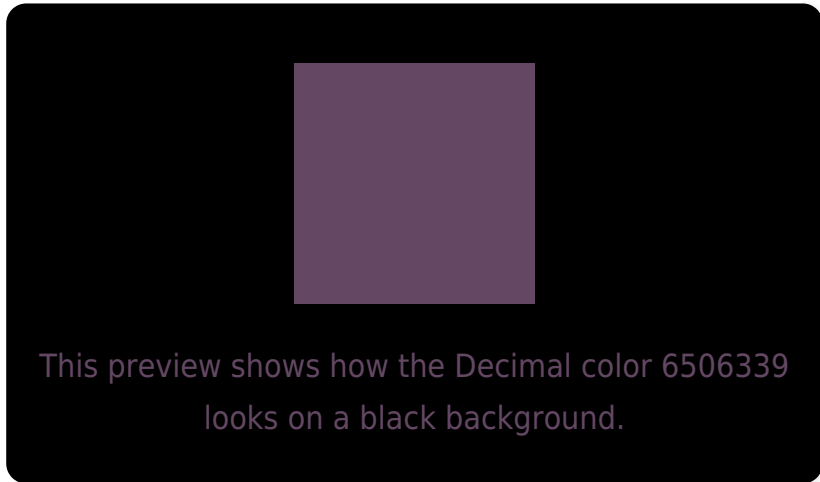
Large Text (above 18pt) WCAG AA ✓ Pass

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

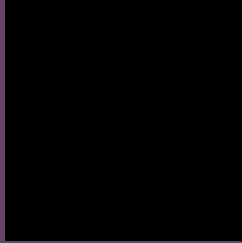
Any Text WCAG AA × Fail

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 6506339 Background



This preview shows how black text looks on a background with the Decimal color 6506339.



This preview shows how white text looks on a background with the Decimal color 6506339.

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
6506339

Protanopia
4870249

Deuteranopia
5263202



Tritanopia
6310736

Trichromacy



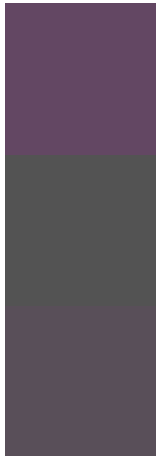
Original Color
6506339

Protanomaly
5459303

Deuteranomaly
5721186

Tritanomaly
6376023

Monochromacy



Original Color
6506339

Achromatopsia
5460819

Achromatomaly
5853017

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6506339 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 #634763 looks like.

```
.text, #text, p{  
    color:#634763  
}
```

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 #634763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634763
}
```

Border

The CSS property to change the border of an element to Decimal 6506339 is called "border". The border property can be set on classes, ids or directly on the HTML element.

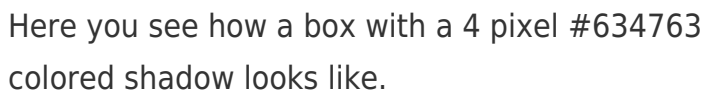
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#634763 }
```

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

```
.border{ border-color:#634763 }
```

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



Here you see how a box with a 4 pixel #634763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634763; -webkit-box-shadow:4px 4px  
4px 4px #634763; box-shadow:4px 4px 4px  
4px #634763 }
```

Background

The CSS property to change the background color of an element to Decimal 6506339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634763 }
```

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

```
.background{ background-color:#634763 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor