

Converting Colors

Decimal(6436473)

Have a look what the booklet for
Decimal(6436473) contains.

Decimal(6436473)	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(6436473)

Conversions

Conversions Part 1

Format	Color
Hex	623679
RGB	98, 54, 121
RGB Percent	38%, 21%, 47%
CMY	0.6157, 0.7882, 0.5255
CMYK	0.19, 0.55, 0.00, 0.53
HSL	279°, 38%, 34%
HSV	279°, 55%, 47%
XYZ	9.8074, 6.6155, 18.8492
YIQ	74.7940, 4.7170, 30.1650

Conversions

Conversions Part 2

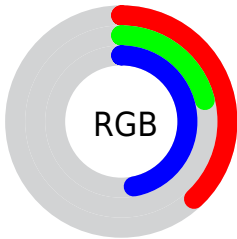
Format	Color
R_{YB}	98, 54, 121
Decimal	6436473
CIE _{Lab}	30.92, 32.30, -30.58
CIE _{LCh}	31, 44.476, 316.567
Yxy	6.6155, 0.2780, 0.1876
Android (android.graphics.Color)	4284626553 (0xFF623679)
YUV	74.7940, 22.7796, 20.3517
Hunter-Lab	25.7206, 23.0518, -25.4459

Details

The Decimal color **6436473** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5077302**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **9856942**, and **3213128** is the 20% darker color. If you saturate the color by 10%, you get **6171257**, and if you desaturate by 10%, it is **6701689**.

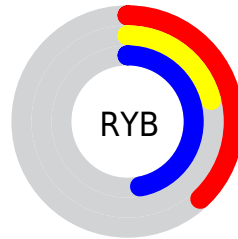
Distribution



Red (38%)

Green (21%)

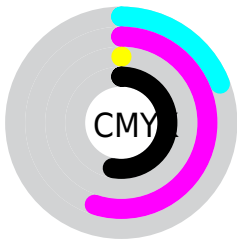
Blue (47%)



Red (38%)

Yellow (21%)

Blue (47%)

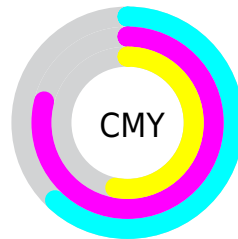


Cyan (19%)

Magenta (55%)

Yellow (0%)

Black (53%)



Cyan (62%)

Magenta (79%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6436473 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 6436473 by changing the saturation by 10% instead.

■ 6436473

■ 6436473

16777215

■ 4792160

■ 9856942

■ 3213128

■ 11698377

■ 1966129

■ 13540326

■ 283

■ 15382271

■ 0

■ 16765695

■ 16772863

■ 6436473

■ 6436473

■ 6171257

■ 6701689

■ 5906041

■ 6966905

■ 5640825

■ 7232121

■ 5310073

■ 7562873

■ 5177465

■ 7828089

■ 8093561

■ 8358777

■ 8623993

■ 8889209

Harmonies

Analogous

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



2180748



6436473



8332890

Triad

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



6436473



6635776



22876

Complementary

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



6436473



5077302

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.



22583



6436473



4672768

Square

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



6436473



8139287



1725460



22395

Rectangle

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



6436473



8790595



1725460



22608

Sweetspot

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



6436473



9798558



3558777



4865871



13619151



5197647

Same Dimension

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



6436473



8009374



7943791



3880765



5374077



10879228

Inverse Universe

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



7943757



10368602



3569984



4011833



8192043



16515159

Previews

White Background



This preview shows how the Decimal color 6436473 looks on a white background.

Color Contrast Check

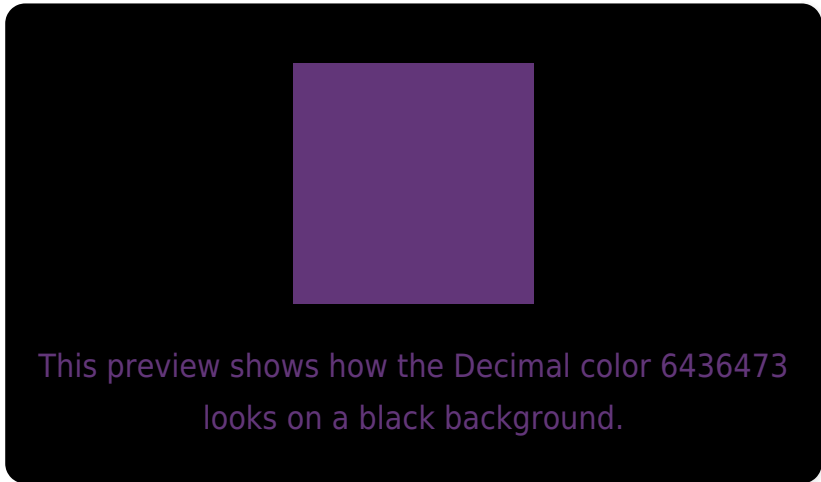
Large Text (above 18pt) WCAG AA ✓ Pass

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

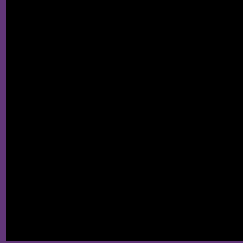
Any Text WCAG AA × Fail

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 6436473 Background



This preview shows how black text looks on a background with the Decimal color 6436473.




This preview shows how white text looks on a background with the Decimal color 6436473.

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





Tritanopia
5915464

Trichromacy



Original Color
6436473

Protanomaly
3948932

Deuteranomaly
4342390

Tritanomaly
6110810

Monochromacy



Original Color
6436473

Achromatopsia
4934475

Achromatomaly
5456732

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6436473 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 #623679 looks like.

```
.text, #text, p{  
    color:#623679  
}
```

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 #623679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #623679
}
```

Border

The CSS property to change the border of an element to Decimal 6436473 is called "border". The border property can be set on classes, ids or directly on the HTML element.

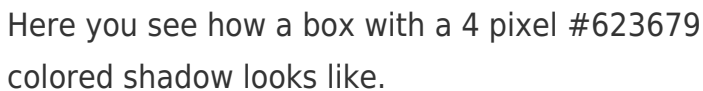
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#623679 }
```

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

```
.border{ border-color:#623679 }
```

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



Here you see how a box with a 4 pixel #623679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #623679; -webkit-box-shadow:4px 4px  
4px 4px #623679; box-shadow:4px 4px 4px  
4px #623679 }
```

Background

The CSS property to change the background color of an element to Decimal 6436473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#623679 }
```

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

```
.background{ background-color:#623679 }
```

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