

Converting Colors

Decimal(6309203)

Have a look what the booklet for
Decimal(6309203) contains.

Decimal(6309203)	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(6309203)

Conversions

Conversions Part 1

Format	Color
Hex	604553
RGB	96, 69, 83
RGB Percent	38%, 27%, 33%
CMY	0.6235, 0.7294, 0.6745
CMYK	0.00, 0.28, 0.14, 0.62
HSL	329°, 16%, 32%
HSV	329°, 28%, 38%
XYZ	8.5133, 7.3676, 9.1570
YIQ	78.6690, 11.5980, 10.0780

Conversions

Conversions Part 2

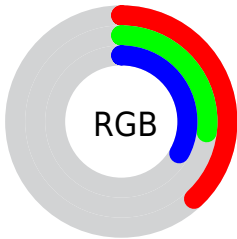
Format	Color
R_{YB}	96, 69, 83
Decimal	6309203
CIE _{Lab}	32.63, 14.10, -3.78
CIE _{LCh}	33, 14.601, 344.992
Yxy	7.3676, 0.3400, 0.2943
Android (android.graphics.Color)	4284499283 (0xFF604553)
YUV	78.6690, 2.1352, 15.1993
Hunter-Lab	27.1433, 8.4847, -1.0017

Details

The Decimal color **6309203** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4546642**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **9663876**, and **3217702** is the 20% darker color. If you saturate the color by 10%, you get **6306638**, and if you desaturate by 10%, it is **6311768**.

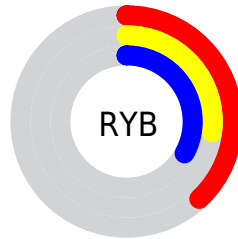
Distribution



 Red (38%)

 Green (27%)

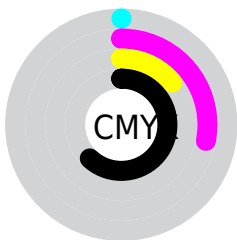
 Blue (33%)



 Red (38%)

 Yellow (27%)

 Blue (33%)

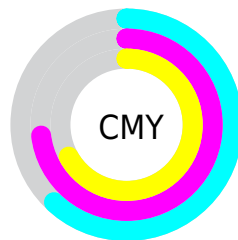


 Cyan (0%)

 Magenta (28%)

 Yellow (14%)

 Black (62%)



 Cyan (62%)

 Magenta (73%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6309203 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 6309203 by changing the saturation by 10% instead.

■ 6309203

■ 6309203

16777215

■ 4730428

■ 9663876

■ 3217702

■ 11440031

■ 1966098

■ 13216441

■ 0

■ 15058389

■ 16769521

16776959

■ 6309203

■ 6309203

■ 6306638

■ 6311768

6304330

6314076

6301765

6316641

6299457

6318949

6296892

6321514

6294327

6324079

6292019

6326387

6291506

6328952

6331261

Harmonies

Analogous

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



5654621



6309203



6571079

Triad

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



6309203



5197366



2904669

Complementary

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



6309203



4546642

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.



2904914



6309203



4346172

Square

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



6309203



5917239



3494726



3625059

Rectangle

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



6309203



6506048



3494726



2839385

Sweetspot

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



6309203



8221560



5391712



4208957



12566463



4210752

Same Dimension

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



6309203



8213096



6309190



3157038



7340090



15728764

Inverse Universe

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



6309203



8213096



4546655



3157038



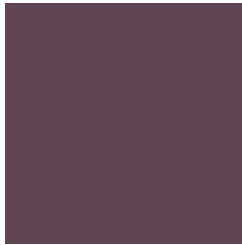
7340090



15728764

Previews

White Background



This preview shows how the Decimal color 6309203 looks on a white background.

Color Contrast Check

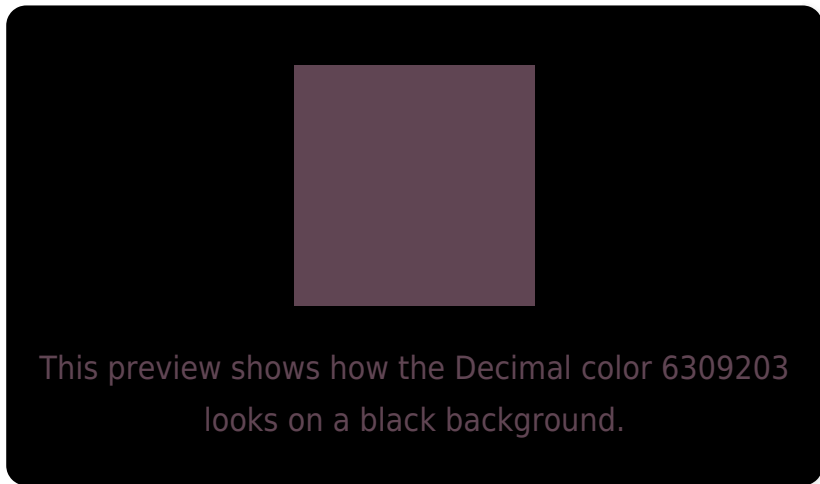
Large Text (above 18pt) WCAG AA ✓ Pass

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

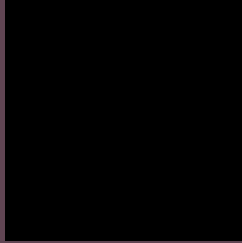
Any Text WCAG AA × Fail

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 6309203 Background



This preview shows how black text looks on a background with the Decimal color 6309203.



This preview shows how white text looks on a background with the Decimal color 6309203.

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
6309203

Protanopia
4934744

Deuteranopia
5393234



Tritanopia
6243916

Trichromacy



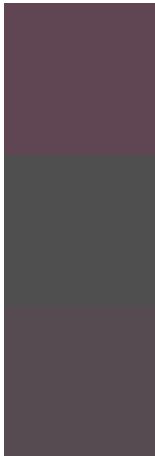
Original Color
6309203

Protanomaly
5458262

Deuteranomaly
5720402

Tritanomaly
6243919

Monochromacy



Original Color
6309203

Achromatopsia
5197647

Achromatomaly
5589840

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6309203 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 #604553 looks like.

```
.text, #text, p{  
    color:#604553  
}
```

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 #604553 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #604553
}
```

Border

The CSS property to change the border of an element to Decimal 6309203 is called "border". The border property can be set on classes, ids or directly on the HTML element.

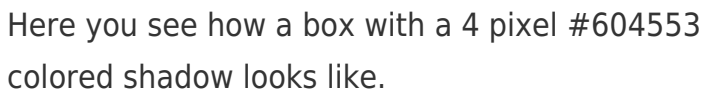
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#604553 }
```

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

```
.border{ border-color:#604553 }
```

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



Here you see how a box with a 4 pixel #604553 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #604553; -webkit-box-shadow:4px 4px  
4px 4px #604553; box-shadow:4px 4px 4px  
4px #604553 }
```

Background

The CSS property to change the background color of an element to Decimal 6309203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#604553 }
```

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

```
.background{ background-color:#604553 }
```

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