

Converting Colors

Decimal(6312038)

Have a look what the booklet for
Decimal(6312038) contains.

Decimal(6312038)	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(6312038)

Conversions

Conversions Part 1

Format	Color
Hex	605066
RGB	96, 80, 102
RGB Percent	38%, 31%, 40%
CMY	0.6235, 0.6863, 0.6000
CMYK	0.06, 0.22, 0.00, 0.60
HSL	284°, 12%, 36%
HSV	284°, 22%, 40%
XYZ	10.0908, 9.1834, 13.8111
YIQ	87.2920, 2.4740, 10.2340

Conversions

Conversions Part 2

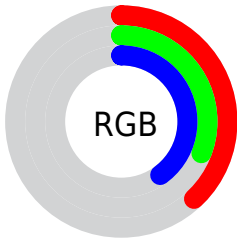
Format	Color
R_{YB}	96, 80, 102
Decimal	6312038
CIE _{Lab}	36.34, 11.17, -10.26
CIE _{LCh}	36, 15.166, 317.449
Yxy	9.1834, 0.3050, 0.2776
Android (android.graphics.Color)	4284502118 (0xFF605066)
YUV	87.2920, 7.2510, 7.6369
Hunter-Lab	30.3042, 6.4053, -5.8085

Details

The Decimal color **6312038** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5662288**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **9666969**, and **3220279** is the 20% darker color. If you saturate the color by 10%, you get **6112870**, and if you desaturate by 10%, it is **6511206**.

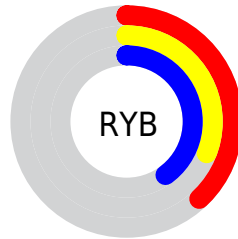
Distribution



 Red (38%)

 Green (31%)

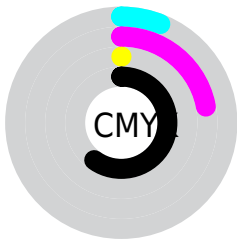
 Blue (40%)



 Red (38%)

 Yellow (31%)

 Blue (40%)

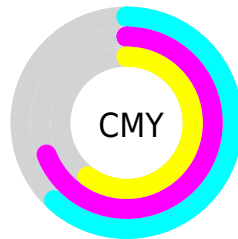


 Cyan (6%)

 Magenta (22%)

 Yellow (0%)

 Black (60%)



 Cyan (62%)

 Magenta (69%)

 Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6312038 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 6312038 by changing the saturation by 10% instead.

■ 6312038

■ 6312038

16777215

■ 4733262

■ 9666969

■ 3220279

■ 11377588

■ 1838882

■ 13219535

■ 10

■ 15061740

■ 0

■ 16772863

■ 6312038

■ 6312038

■ 6112870

■ 6511206

■ 5913702

■ 6710374

■ 5779814

■ 6844262

■ 5580646

■ 7043430

■ 5381478

■ 7242598

■ 5182310

■ 7441766

■ 5048678

■ 7575398

■ 4849766

■ 7774822

■ 7973990

Harmonies

Analogous

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



5330029



6312038



7032155

Triad

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



6312038



6509374



3365980

Complementary

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



6312038



5662288

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.



3955792



6312038



5723966

Square

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



6312038



7098180



4807237



3431271

Rectangle

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



6312038



7228755



4807237



3497048

Sweetspot

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



6312038



8551813



5264998



4275778



12763842



4342338

Same Dimension

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



6312038



8086149



6705249



3288627



5439603



11534578

Inverse Universe

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



6705238



8741484



5269077



3354159



7536671



15859778

Previews

White Background



This preview shows how the Decimal color 6312038 looks on a white background.

Color Contrast Check

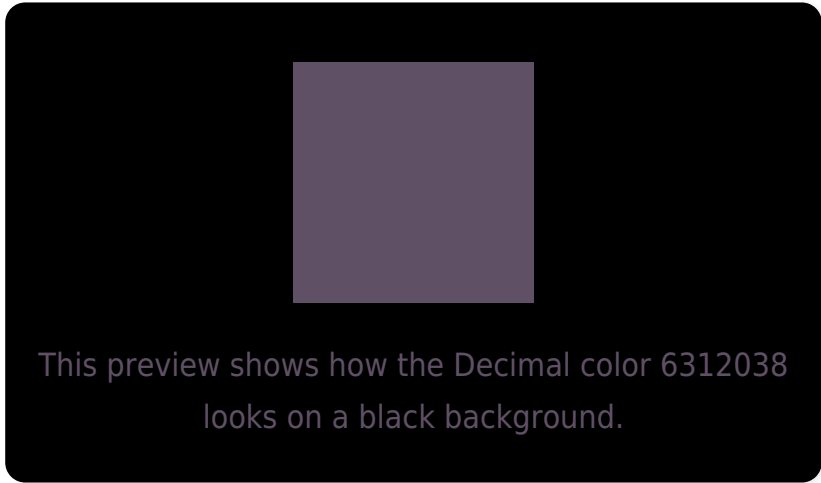
Large Text (above 18pt) WCAG AA ✓ Pass

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

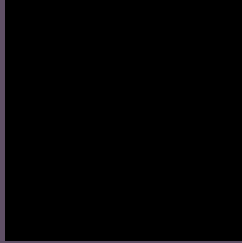
Any Text WCAG AA × Fail

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 6312038 Background



This preview shows how black text looks on a background with the Decimal color 6312038.

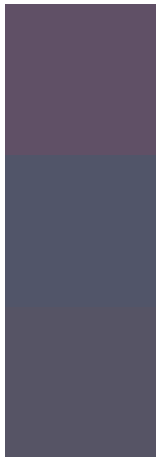


This preview shows how white text looks on a background with the Decimal color 6312038.

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
6312038

Protanopia
5330281

Deuteranopia
5657701



Tritanopia
6181465

Trichromacy



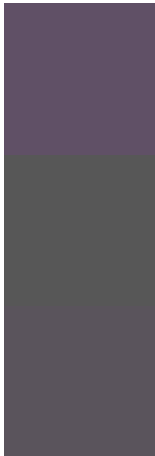
Original Color
6312038

Protanomaly
5657448

Deuteranomaly
5919589

Tritanomaly
6246750

Monochromacy



Original Color
6312038

Achromatopsia
5723991

Achromatomaly
5919836

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6312038 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 #605066 looks like.

```
.text, #text, p{  
  color:#605066  
}
```

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 #605066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #605066
}
```

Border

The CSS property to change the border of an element to Decimal 6312038 is called "border". The border property can be set on classes, ids or directly on the HTML element.

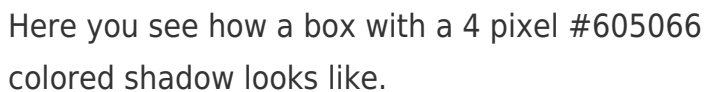
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#605066 }
```

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

```
.border{ border-color:#605066 }
```

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



Here you see how a box with a 4 pixel #605066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #605066; -webkit-box-shadow:4px 4px  
4px 4px #605066; box-shadow:4px 4px 4px  
4px #605066 }
```

Background

The CSS property to change the background color of an element to Decimal 6312038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#605066 }
```

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

```
.background{ background-color:#605066 }
```

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