

Converting Colors

Decimal(6094913)

Have a look what the booklet for
Decimal(6094913) contains.

Decimal(6094913)	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(6094913)

Conversions

Conversions Part 1

Format	Color
Hex	5D0041
RGB	93, 0, 65
RGB Percent	36%, 0%, 25%
CMY	0.6353, 1.0000, 0.7451
CMYK	0.00, 1.00, 0.30, 0.64
HSL	318°, 100%, 18%
HSV	318°, 100%, 36%
XYZ	5.4683, 2.7088, 5.2357
YIQ	35.2170, 34.5630, 39.9310

Conversions

Conversions Part 2

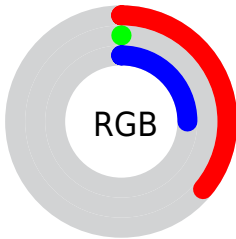
Format	Color
R_{YB}	93, 0, 65
Decimal	6094913
CIE _{Lab}	18.84, 42.86, -12.66
CIE _{LCh}	19, 44.691, 343.541
Yxy	2.7088, 0.4077, 0.2020
Android (android.graphics.Color)	4284284993 (0xFF5D0041)
YUV	35.2170, 14.6830, 50.6757
Hunter-Lab	16.4585, 30.5044, -7.3400

Details

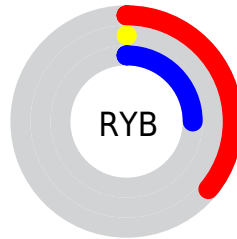
The Decimal color **6094913** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **23836**, and the grayscale version is **2302755**.

A 20% lighter version of the original color is **9649265**, and **2949143** is the 20% darker color. If you saturate the color by 10%, you get **6094913**, and if you desaturate by 10%, it is **6097220**.

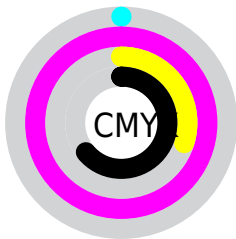
Distribution



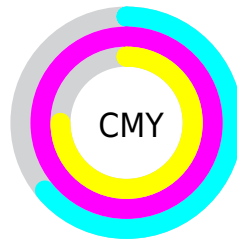
- Red (36%)
- Green (0%)
- Blue (25%)



- Red (36%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (30%)
- Black (64%)



- Cyan (64%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6094913 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 6094913 by changing the saturation by 10% instead.

 6094913

 6094913

 16776191

 4390955

 9649265

 2949143

 11490698

 0

 13332389

 15239872

 16754140

 16761336

 16768511

 6094913

■ 6097220

■ 6099783

■ 6102089

■ 6104396

■ 6106959

■ 6109266

■ 6111573

■ 6113879

■ 6116442

Harmonies

Analogous

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



4201566



6094913



6619169

Triad

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



6094913



2896128



14938

Complementary

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



6094913



23836

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.



15164



6094913



79616

Square

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



6094913



4728320



14874



14189

Rectangle

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



6094913



6293514



14874



15185

Sweetspot

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



6094913



7885933



1835101



4007735



12434877



4013373

Same Dimension

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



6094913



7864404



6094867



3025197



7209037



15532198

Inverse Universe

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



6094913



7864404



23882



3025197



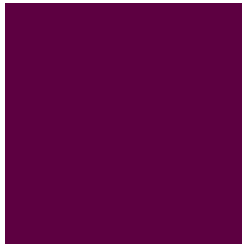
7209037



15532198

Previews

White Background



This preview shows how the Decimal color 6094913 looks on a white background.

Color Contrast Check

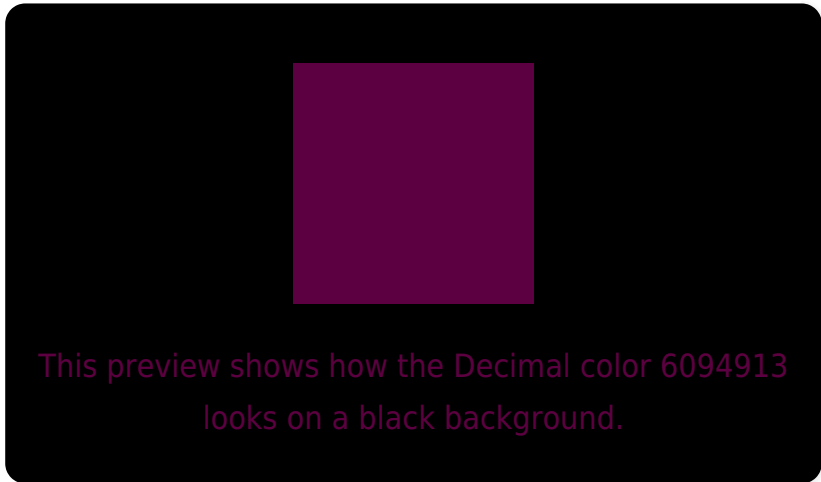
Large Text (above 18pt) WCAG AA ✓ Pass

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

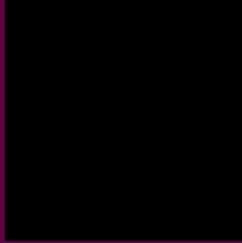
Any Text WCAG AA × Fail

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 6094913 Background



This preview shows how black text looks on a background with the Decimal color 6094913.



This preview shows how white text looks on a background with the Decimal color 6094913.

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
6094913

Protanopia
1782109

Deuteranopia
3223869

Trichromacy



Original Color
6094913

Protanomaly
3350355

Deuteranomaly
4267838

Tritanomaly
5968169

Monochromacy



Original Color
6094913

Achromatopsia
2302755

Achromatomaly
3675694

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6094913 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 #5D0041 looks like.

```
.text, #text, p{  
    color:#5D0041  
}
```

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 #5D0041 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D0041
}
```

Border

The CSS property to change the border of an element to Decimal 6094913 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".

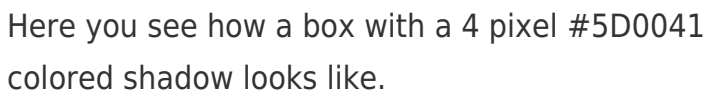
```
.border, #border, table{ border:4px solid
#5D0041 }
```

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

```
.border{ border-color:#5D0041 }
```

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

Here you see how a box with a 4 pixel #5D0041 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border and a thicker dark purple shadow on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D0041; -webkit-box-shadow:4px 4px  
4px 4px #5D0041; box-shadow:4px 4px 4px  
4px #5D0041 }
```

Background

The CSS property to change the background color of an element to Decimal 6094913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D0041 }
```

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

```
.background{ background-color:#5D0041 }
```

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