

Converting Colors

Decimal(6094880)

Have a look what the booklet for
Decimal(6094880) contains.

Decimal(6094880)	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(6094880)

Conversions

Conversions Part 1

Format	Color
Hex	5D0020
RGB	93, 0, 32
RGB Percent	36%, 0%, 13%
CMY	0.6353, 1.0000, 0.8745
CMYK	0.00, 1.00, 0.66, 0.64
HSL	339°, 100%, 18%
HSV	339°, 100%, 36%
XYZ	4.7749, 2.4314, 1.5841
YIQ	31.4550, 45.1560, 29.6680

Conversions

Conversions Part 2

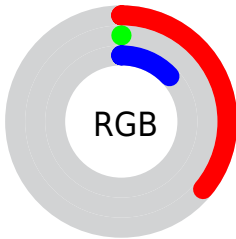
Format	Color
R_{YB}	93, 0, 32
Decimal	6094880
CIE Lab	17.61, 39.64, 9.12
CIE LCh	18, 40.675, 12.951
Yxy	2.4314, 0.5432, 0.2766
Android (android.graphics.Color)	4284284960 (0xFF5D0020)
YUV	31.4550, 0.2687, 53.9750
Hunter-Lab	15.5931, 27.3724, 4.8917

Details

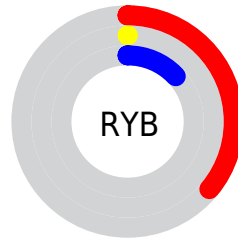
The Decimal color **6094880** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **23869**, and the grayscale version is **2039583**.

A 20% lighter version of the original color is **9714252**, and **2752513** is the 20% darker color. If you saturate the color by 10%, you get **6094880**, and if you desaturate by 10%, it is **6097190**.

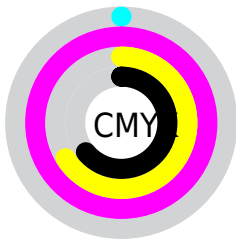
Distribution



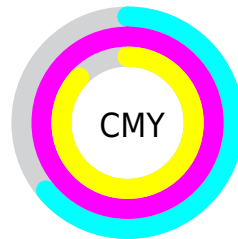
- Red (36%)
- Green (0%)
- Blue (13%)



- Red (36%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (64%)



- Cyan (64%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6094880 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 6094880 by changing the saturation by 10% instead.

 6094880

 6094880

 16775423

 4390920

 9714252

 2752513

 11621219

 0

 13528444

 15435926

 16753585

 16760524

 16767976

 6094880

■ 6097190

■ 6099756

■ 6102066

■ 6104376

■ 6106942

■ 6109253

■ 6111563

■ 6113873

■ 6116439

Harmonies

Analogous

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



5637693



6094880



5640960

Triad

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



6094880



472064



13156

Complementary

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



6094880



23869

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.



14163



6094880



13849

Square

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



6094880



2829824



14136



11109

Rectangle

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



6094880



4923136



14136



13664

Sweetspot

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



6094880



7885920



3932253



4007727



12434877



4013373

Same Dimension

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



6094880



7864361



6098432



3025195



7208998



15532114

Inverse Universe

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



6094880



7864361



20317



3025195



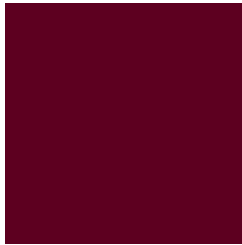
7208998



15532114

Previews

White Background



This preview shows how the Decimal color 6094880 looks on a white background.

Color Contrast Check

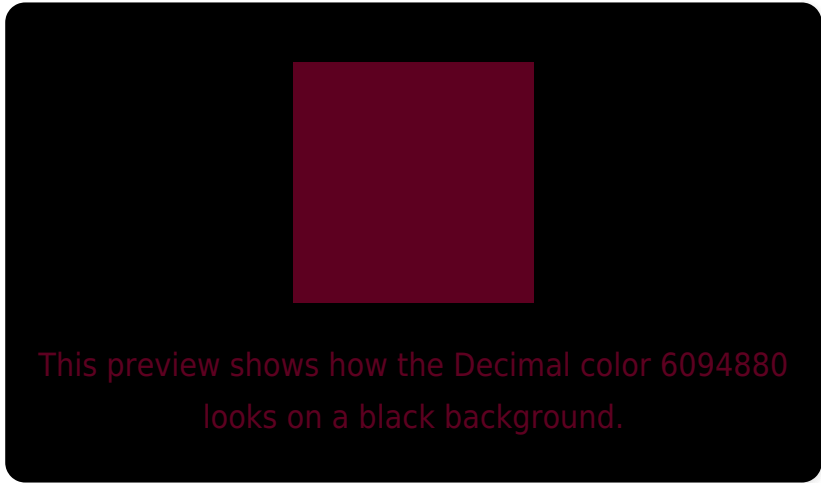
Large Text (above 18pt) WCAG AA ✓ Pass

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

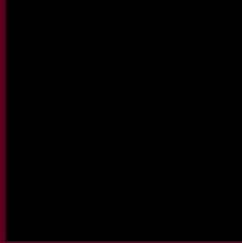
Any Text WCAG AA × Fail

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 6094880 Background



This preview shows how black text looks on a background with the Decimal color 6094880.



This preview shows how white text looks on a background with the Decimal color 6094880.

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
6094880

Protanopia
3157807

Deuteranopia
3812636

Trichromacy



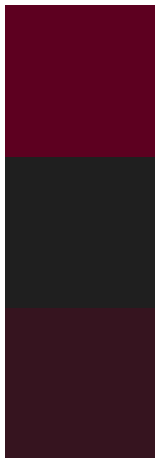
Original Color
6094880

Protanomaly
4202026

Deuteranomaly
4660509

Tritanomaly
6031379

Monochromacy



Original Color
6094880

Achromatopsia
2039583

Achromatomaly
3544095

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6094880 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 #5D0020 looks like.

```
.text, #text, p{  
    color:#5D0020  
}
```

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 #5D0020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D0020
}
```

Border

The CSS property to change the border of an element to Decimal 6094880 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
#5D0020 }
```

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

```
.border{ border-color:#5D0020 }
```

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

Here you see how a box with a 4 pixel #5D0020 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D0020; -webkit-box-shadow:4px 4px  
4px 4px #5D0020; box-shadow:4px 4px 4px  
4px #5D0020 }
```

Background

The CSS property to change the background color of an element to Decimal 6094880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D0020 }
```

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

```
.background{ background-color:#5D0020 }
```

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