

Converting Colors

Decimal(6095152)

Have a look what the booklet for
Decimal(6095152) contains.

Decimal(6095152)	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(6095152)

Conversions

Conversions Part 1

Format	Color
Hex	5D0130
RGB	93, 1, 48
RGB Percent	36%, 0%, 19%
CMY	0.6353, 0.9961, 0.8118
CMYK	0.00, 0.99, 0.48, 0.64
HSL	329°, 98%, 18%
HSV	329°, 99%, 36%
XYZ	5.0586, 2.5623, 3.0243
YIQ	33.8660, 39.7450, 34.1210

Conversions

Conversions Part 2

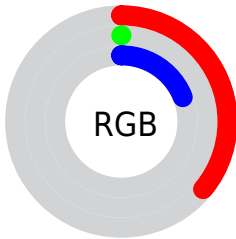
Format	Color
RYB	93, 1, 48
Decimal	6095152
CIELab	18.20, 40.67, -1.61
CIELCh	18, 40.703, 357.737
Yxy	2.5623, 0.4752, 0.2407
Android (android.graphics.Color)	4284285232 (0xFF5D0130)
YUV	33.8660, 6.9681, 51.8605
Hunter-Lab	16.0071, 28.3972, 0.0031

Details

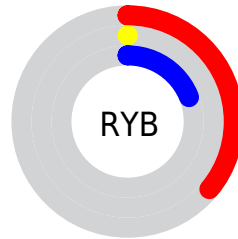
The Decimal color **6095152** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **89390**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **9648990**, and **2949121** is the 20% darker color. If you saturate the color by 10%, you get **6094896**, and if you desaturate by 10%, it is **6097461**.

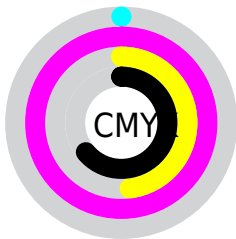
Distribution



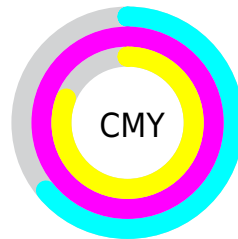
- Red (36%)
- Green (0%)
- Blue (19%)



- Red (36%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (99%)
- Yellow (48%)
- Black (64%)



- Cyan (64%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6095152 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 6095152 by changing the saturation by 10% instead.

 6095152

 6095152

 16775679

 4390939

 9648990

 2949121

 11490678

 0

 13397904

 15305131

 16753862

 16761058

 16768254

 6095152

 6095152

■ 6094896

■ 6097461

■ 6100025

■ 6102334

■ 6104642

■ 6106951

■ 6109515

■ 6111824

■ 6114132

■ 6116697

Harmonies

Analogous

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



4985676



6095152



6097427

Triad

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



6095152



1978880



14174

Complementary

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



6095152



89390

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.



14663



6095152



14088

Square

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



6095152



3812096



14377



12648

Rectangle

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



6095152



5576448



14377



14424

Sweetspot

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



6095152



7885926



2949469



4007730



12434877



4013373

Same Dimension

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



6095152



7864381



6095107



3025196



7209016



15532153

Inverse Universe

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



6095152



7864381



89435



3025196



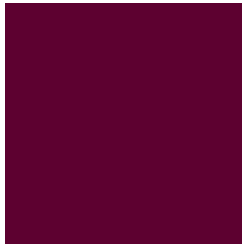
7209016



15532153

Previews

White Background



This preview shows how the Decimal color 6095152 looks on a white background.

Color Contrast Check

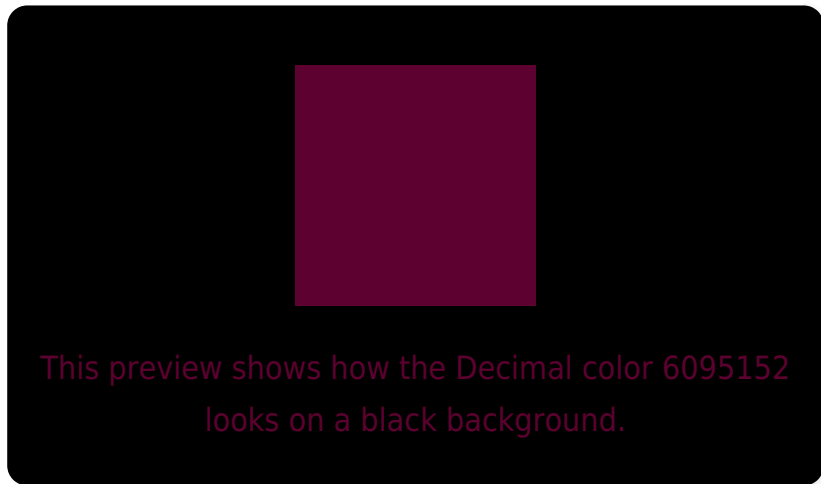
Large Text (above 18pt) WCAG AA ✓ Pass

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

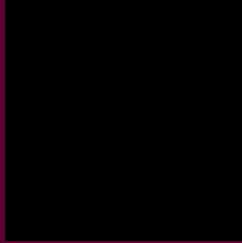
Any Text WCAG AA × Fail

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 6095152 Background



This preview shows how black text looks on a background with the Decimal color 6095152.



This preview shows how white text looks on a background with the Decimal color 6095152.

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
6095152

Protanopia
2764869

Deuteranopia
3616556

Trichromacy



Original Color
6095152

Protanomaly
4005693

Deuteranomaly
4529709

Tritanomaly
6032414

Monochromacy



Original Color
6095152

Achromatopsia
2236962

Achromatomaly
3610151

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6095152 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 #5D0130 looks like.

```
.text, #text, p{  
    color:#5D0130  
}
```

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 #5D0130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D0130
}
```

Border

The CSS property to change the border of an element to Decimal 6095152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

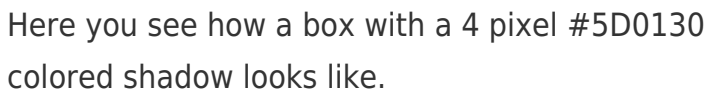
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D0130 }
```

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

```
.border{ border-color:#5D0130 }
```

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



Here you see how a box with a 4 pixel #5D0130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D0130; -webkit-box-shadow:4px 4px  
4px 4px #5D0130; box-shadow:4px 4px 4px  
4px #5D0130 }
```

Background

The CSS property to change the background color of an element to Decimal 6095152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D0130 }
```

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

```
.background{ background-color:#5D0130 }
```

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