

Converting Colors

Decimal(6048877)

Have a look what the booklet for
Decimal(6048877) contains.

Decimal(6048877)	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(6048877)

Conversions

Conversions Part 1

Format	Color
Hex	5C4C6D
RGB	92, 76, 109
RGB Percent	36%, 30%, 43%
CMY	0.6392, 0.7020, 0.5725
CMYK	0.16, 0.30, 0.00, 0.57
HSL	269°, 18%, 36%
HSV	269°, 30%, 43%
XYZ	9.7584, 8.5483, 15.6037
YIQ	84.5460, -1.0570, 13.6550

Conversions

Conversions Part 2

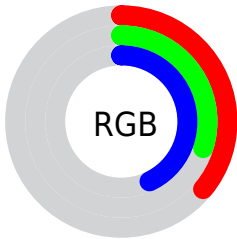
Format	Color
R_{YB}	92, 76, 109
Decimal	6048877
CIE Lab	35.10, 13.87, -16.56
CIE LCh	35, 21.599, 309.949
Yxy	8.5483, 0.2878, 0.2521
Android (android.graphics.Color)	4284238957 (0xFF5C4C6D)
YUV	84.5460, 12.0558, 6.5372
Hunter-Lab	29.2375, 8.4110, -11.1760

Details

The Decimal color **6048877** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6122828**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **9403809**, and **2957373** is the 20% darker color. If you saturate the color by 10%, you get **5652845**, and if you desaturate by 10%, it is **6444909**.

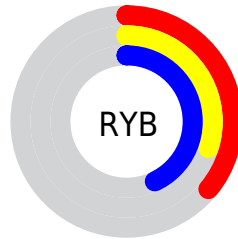
Distribution



Red (36%)

Green (30%)

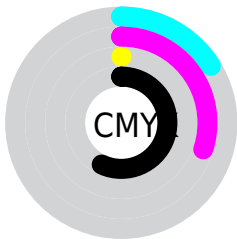
Blue (43%)



Red (36%)

Yellow (30%)

Blue (43%)

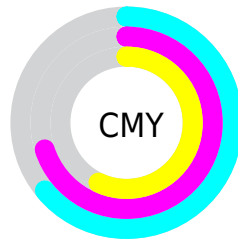


Cyan (16%)

Magenta (30%)

Yellow (0%)

Black (57%)



Cyan (64%)

Magenta (70%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6048877 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 6048877 by changing the saturation by 10% instead.



6048877



6048877

16777215



4470101



9403809



2957373



11114428



1640999



12956375



274



14798324



0



16640511



6048877



6048877



5652845



6444909



5322349



6775405

■ 4926317

■ 7171437

■ 4595821

■ 7501933

■ 4199789

■ 7897965

■ 3804013

■ 8293741

■ 3473517

■ 8624237

■ 9020269

■ 9416301

Harmonies

Analogous

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



4412020



6048877



7161695

Triad

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



6048877



6835506



1727576

Complementary

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



6048877



6122828

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.



3169094



6048877



5788464

Square

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



6048877



7489597



4544568



1006440

Rectangle

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



6048877



7554387



4544568



2186322

Sweetspot

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



6048877



8946319



5004653



4407367



13092807



4671303

Same Dimension

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



6048877



7625615



7097453



3354678



3735669



7799029

Inverse Universe

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



7162973



9395062



5074252



3551283



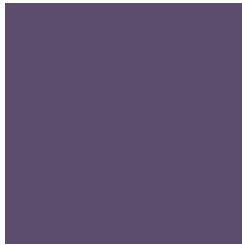
7667772



16056446

Previews

White Background



This preview shows how the Decimal color 6048877 looks on a white background.

Color Contrast Check

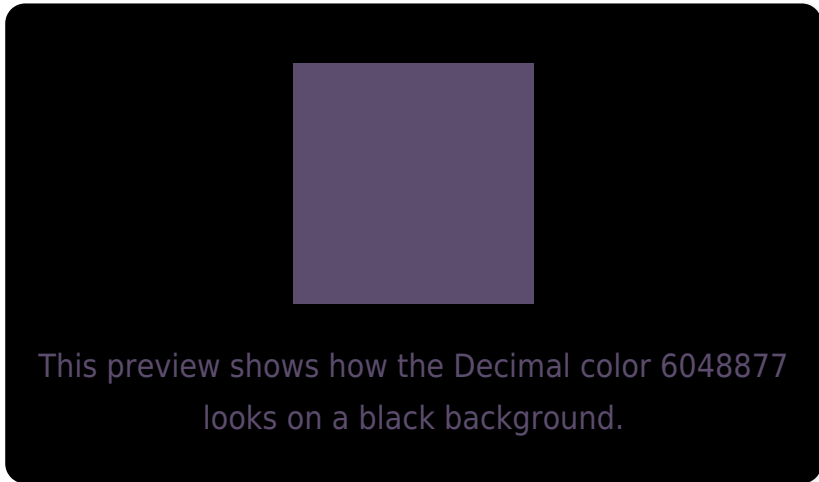
Large Text (above 18pt) WCAG AA ✓ Pass

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

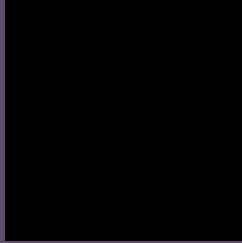
Any Text WCAG AA × Fail

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 6048877 Background



This preview shows how black text looks on a background with the Decimal color 6048877.

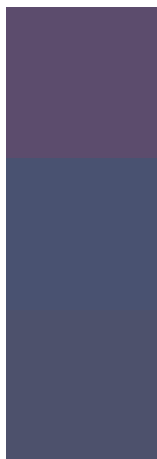


This preview shows how white text looks on a background with the Decimal color 6048877.

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
6048877

Protanopia
4805233

Deuteranopia
5067116



Tritanopia
5787735

Trichromacy



Original Color
6048877

Protanomaly
5263472

Deuteranomaly
5394284

Tritanomaly
5853023

Monochromacy



Original Color
6048877

Achromatopsia
5592405

Achromatomaly
5788254

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6048877 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 #5C4C6D looks like.

```
.text, #text, p{  
  color:#5C4C6D  
}
```

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 #5C4C6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C4C6D
}
```

Border

The CSS property to change the border of an element to Decimal 6048877 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
#5C4C6D }
```

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

```
.border{ border-color:#5C4C6D }
```

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

Here you see how a box with a 4 pixel #5C4C6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C4C6D; -webkit-box-shadow:4px 4px  
4px 4px #5C4C6D; box-shadow:4px 4px 4px  
4px #5C4C6D }
```

Background

The CSS property to change the background color of an element to Decimal 6048877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C4C6D }
```

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

```
.background{ background-color:#5C4C6D }
```

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