

Converting Colors

Decimal(6686251)

Have a look what the booklet for
Decimal(6686251) contains.

Decimal(6686251)	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(6686251)

Conversions

Conversions Part 1

Format	Color
Hex	66062B
RGB	102, 6, 43
RGB Percent	40%, 2%, 17%
CMY	0.6000, 0.9765, 0.8314
CMYK	0.00, 0.94, 0.58, 0.60
HSL	337°, 89%, 21%
HSV	337°, 94%, 40%
XYZ	5.9807, 3.1294, 2.5743
YIQ	38.9220, 45.3390, 31.8590

Conversions

Conversions Part 2

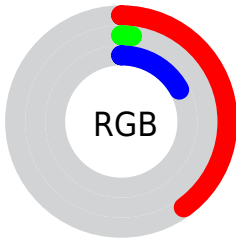
Format	Color
RYB	102, 6, 43
Decimal	6686251
CIELab	20.56, 41.31, 5.62
CIElCh	21, 41.688, 7.752
Yxy	3.1294, 0.5118, 0.2678
Android (android.graphics.Color)	4284876331 (0xFF66062B)
YUV	38.9220, 2.0105, 55.3194
Hunter-Lab	17.6902, 29.3888, 3.7551




Details

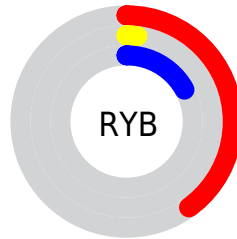
The Decimal color **6686251** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **419393**, and the grayscale version is **2565927**.




A 20% lighter version of the original color is **10371160**, and **3407874** is the 20% darker color. If you saturate the color by 10%, you get **6684711**, and if you desaturate by 10%, it is **6688817**.

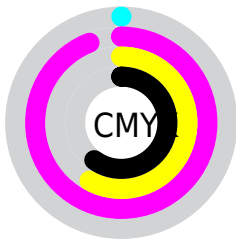
Distribution







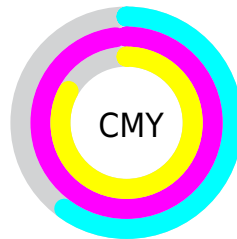
-  Red (40%)
-  Green (2%)
-  Blue (17%)






-  Red (40%)
-  Yellow (2%)
-  Blue (17%)



-  Cyan (0%)
-  Magenta (94%)
-  Yellow (58%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (98%)
-  Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6686251 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 6686251 by changing the saturation by 10% instead.



6686251



6686251

16777215



4915223



10371160



3407874



12212848



131072



14120074



0



16092836



16755391



16762587



16769783



6686251



6686251

■ 6684711

■ 6688817

■ 6691384

■ 6694206

■ 6696772

■ 6699338

■ 6701905

■ 6704471

■ 6707293

■ 6709859

Harmonies

Analogous

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



5968457



6686251



6362637

Triad

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



6686251



1391104



15211

Complementary

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



6686251



419393

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.



15959



6686251



15641

Square

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



6686251



3617536



16185



13167

Rectangle

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



6686251



5710336



16185



15461

Sweetspot

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



6686251



8740718



4195942



4336692



12763842



4342338

Same Dimension

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



6686251



8716339



6688774



3354160



7536684



15859805

Inverse Universe

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



6686251



8716339



416870



3354160



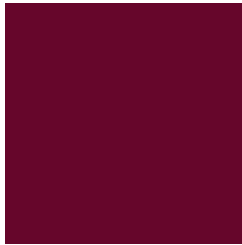
7536684



15859805

Previews

White Background



This preview shows how the Decimal color 6686251 looks on a white background.

Color Contrast Check

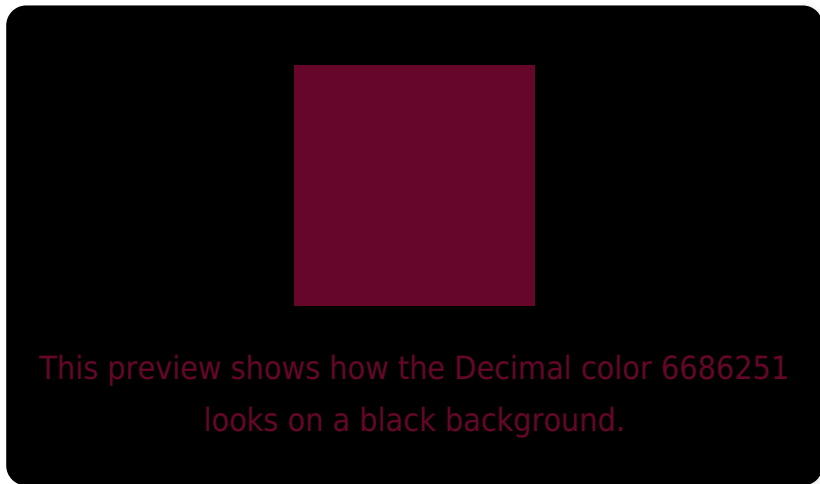
Large Text (above 18pt) WCAG AA ✓ Pass

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 6686251 Background



This preview shows how black text looks on a background with the Decimal color 6686251.



This preview shows how white text looks on a background with the Decimal color 6686251.

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
6686251

Protanopia
3355710

Deuteranopia
4076327



Tritanopia
6623761

Trichromacy



Original Color
6686251

Protanomaly
4596535

Deuteranomaly
5055272

Tritanomaly
6622746

Monochromacy



Original Color
6686251

Achromatopsia
2565927

Achromatomaly
4070184

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6606251 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 #66062B looks like.

```
.text, #text, p{  
    color:#66062B  
}
```

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 #66062B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66062B
}
```

Border

The CSS property to change the border of an element to Decimal 6686251 is called "border". The border property can be set on classes, ids or directly on the HTML element.

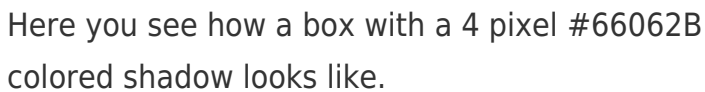
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66062B }
```

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

```
.border{ border-color:#66062B }
```

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



Here you see how a box with a 4 pixel #66062B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66062B; -webkit-box-shadow:4px 4px  
4px 4px #66062B; box-shadow:4px 4px 4px  
4px #66062B }
```

Background

The CSS property to change the background color of an element to Decimal 6686251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66062B }
```

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

```
.background{ background-color:#66062B }
```

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