

Converting Colors

Decimal(6685516)

Have a look what the booklet for
Decimal(6685516) contains.

Decimal(6685516)	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(6685516)

Conversions

Conversions Part 1

Format	Color
Hex	66034C
RGB	102, 3, 76
RGB Percent	40%, 1%, 30%
CMY	0.6000, 0.9882, 0.7020
CMYK	0.00, 0.97, 0.25, 0.60
HSL	316°, 94%, 21%
HSV	316°, 97%, 40%
XYZ	6.8166, 3.4117, 7.1367
YIQ	40.9230, 35.5710, 43.6910

Conversions

Conversions Part 2

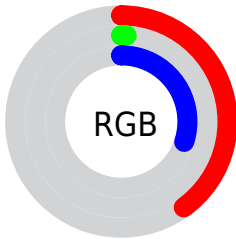
Format	Color
RYB	102, 3, 76
Decimal	6685516
CIELab	21.62, 45.57, -15.77
CIELCh	22, 48.222, 340.909
Yxy	3.4117, 0.3925, 0.1965
Android (android.graphics.Color)	4284875596 (0xFF66034C)
YUV	40.9230, 17.2930, 53.5645
Hunter-Lab	18.4708, 33.5506, -9.9788

Details

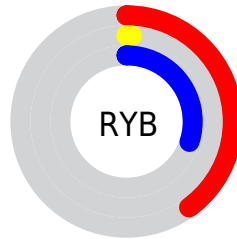
The Decimal color **6685516** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **222749**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **10240125**, and **3407904** is the 20% darker color. If you saturate the color by 10%, you get **6684747**, and if you desaturate by 10%, it is **6688079**.

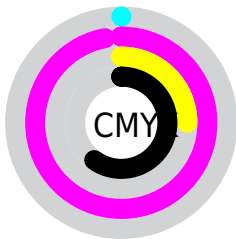
Distribution



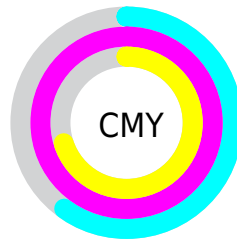
- Red (40%)
- Green (1%)
- Blue (30%)



- Red (40%)
- Yellow (1%)
- Blue (30%)



- Cyan (0%)
- Magenta (97%)
- Yellow (25%)
- Black (60%)



- Cyan (60%)
- Magenta (99%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6685516 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 6685516 by changing the saturation by 10% instead.

■ 6685516

■ 6685516

16777215

■ 4980789

■ 10240125

■ 3407904

■ 12081815

■ 1310724

■ 13989042

■ 0

■ 15896525

■ 16755690

■ 16762879

■ 16770047

■ 6685516

■ 6685516

■ 6684747

■ 6688079

■ 6690641

■ 6693460

■ 6696023

■ 6698585

■ 6701148

■ 6703711

■ 6706529

■ 6709092

Harmonies

Analogous

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



4399723



6685516



7340073

Triad

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



6685516



3487488



16994

Complementary

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



6685516



222749

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.



16960



6685516



474624

Square

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



6685516



5449984



16667



15992

Rectangle

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



6685516



7079698



16667



16984

Sweetspot

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



6685516



8740475



1835878



4336444



12763842



4342338

Same Dimension

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



6685516



8716386



6685468



3354162



7536725



15859891

Inverse Universe

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



6685516



8716386



222797



3354162



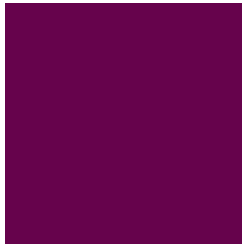
7536725



15859891

Previews

White Background



This preview shows how the Decimal color 6685516 looks on a white background.

Color Contrast Check

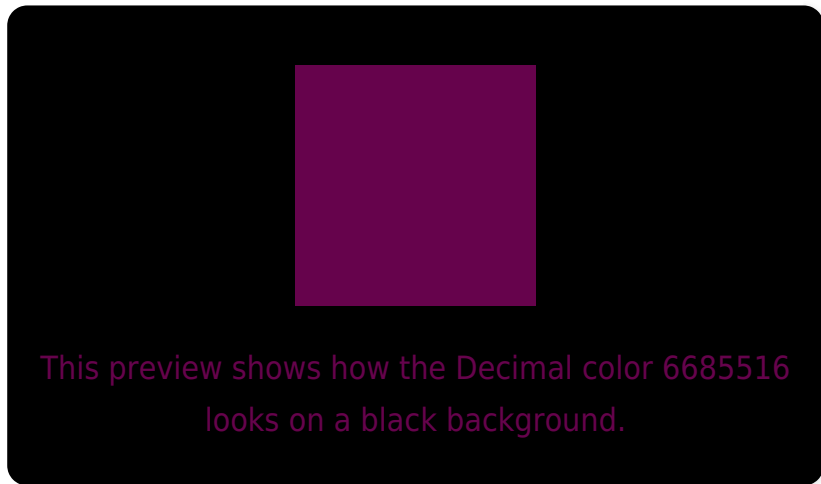
Large Text (above 18pt) WCAG AA ✓ Pass

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

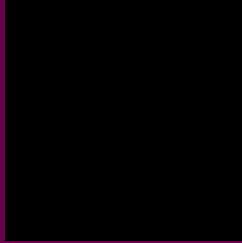
Any Text WCAG AA × Fail

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 6685516 Background



This preview shows how black text looks on a background with the Decimal color 6685516.



This preview shows how white text looks on a background with the Decimal color 6685516.

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
6685516

Protanopia
1455724

Deuteranopia
3421767



Tritanopia
6495776

Trichromacy



Original Color
6685516

Protanomaly
3351392

Deuteranomaly
4596553

Tritanomaly
6558768

Monochromacy



Original Color
6685516

Achromatopsia
2697513

Achromatomaly
4135734

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6685516 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 #66034C looks like.

```
.text, #text, p{  
    color:#66034C  
}
```

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 #66034C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66034C
}
```

Border

The CSS property to change the border of an element to Decimal 6685516 is called "border". The border property can be set on classes, ids or directly on the HTML element.

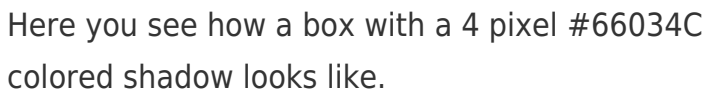
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66034C }
```

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

```
.border{ border-color:#66034C }
```

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



Here you see how a box with a 4 pixel #66034C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66034C; -webkit-box-shadow:4px 4px  
4px 4px #66034C; box-shadow:4px 4px 4px  
4px #66034C }
```

Background

The CSS property to change the background color of an element to Decimal 6685516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66034C }
```

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

```
.background{ background-color:#66034C }
```

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