

Converting Colors

Decimal(8075114)

Have a look what the booklet for
Decimal(8075114) contains.

Decimal(8075114)	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(8075114)

Conversions

Conversions Part 1

Format	Color
Hex	7B376A
RGB	123, 55, 106
RGB Percent	48%, 22%, 42%
CMY	0.5176, 0.7843, 0.5843
CMYK	0.00, 0.55, 0.14, 0.52
HSL	315°, 38%, 35%
HSV	315°, 55%, 48%
XYZ	12.1361, 7.9839, 14.5371
YIQ	81.1460, 24.1570, 30.2770

Conversions

Conversions Part 2

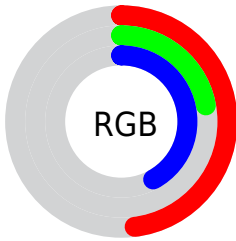
Format	Color
R_{YB}	123, 55, 106
Decimal	8075114
CIE _{Lab}	33.95, 36.48, -16.10
CIE _{LCh}	34, 39.873, 336.185
Yxy	7.9839, 0.3502, 0.2304
Android (android.graphics.Color)	4286265194 (0xFF7B376A)
YUV	81.1460, 12.2530, 36.7060
Hunter-Lab	28.2559, 27.2192, -10.7244

Details

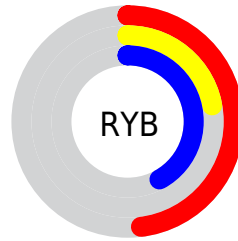
The Decimal color **8075114** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3636040**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **11626909**, and **4719163** is the 20% darker color. If you saturate the color by 10%, you get **8072039**, and if you desaturate by 10%, it is **8078189**.

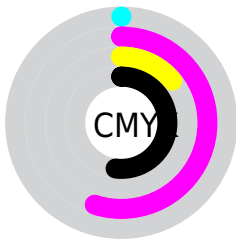
Distribution



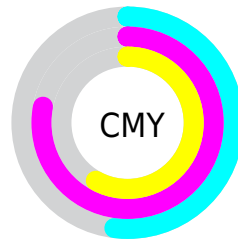
- Red (48%)
- Green (22%)
- Blue (42%)



- Red (48%)
- Yellow (22%)
- Blue (42%)



- Cyan (0%)
- Magenta (55%)
- Yellow (14%)
- Black (52%)



- Cyan (52%)
- Magenta (78%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8075114 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 8075114 by changing the saturation by 10% instead.



8075114



8075114

16777215



6364754



11626909



4719163



13468600



3145765



15376084



1179662



16759280



0



16766463



16773887



8075114



8075114



8072039



8078189

8068708

8081520

8065633

8084595

8062558

8087670

8061020

8091001

8094076

8097152

8100227

8103558

Harmonies

Analogous

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



5850499



8075114



8991051

Triad

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



8075114



5918727



24180

Complementary

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



8075114



3636040

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.



24406



8075114



3758104

Square

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



8075114



7619859



23861



23178

Rectangle

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



8075114



8926518



23861



24427

Sweetspot

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



8075114



10585498



4732795



5390670



13750737



5395026

Same Dimension

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



8075114



10565510



8075080



4011836



8192094



16515261

Inverse Universe

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



8075114



10565510



3636074



4011836



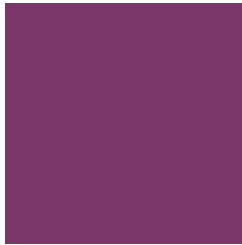
8192094



16515261

Previews

White Background



This preview shows how the Decimal color 8075114 looks on a white background.

Color Contrast Check

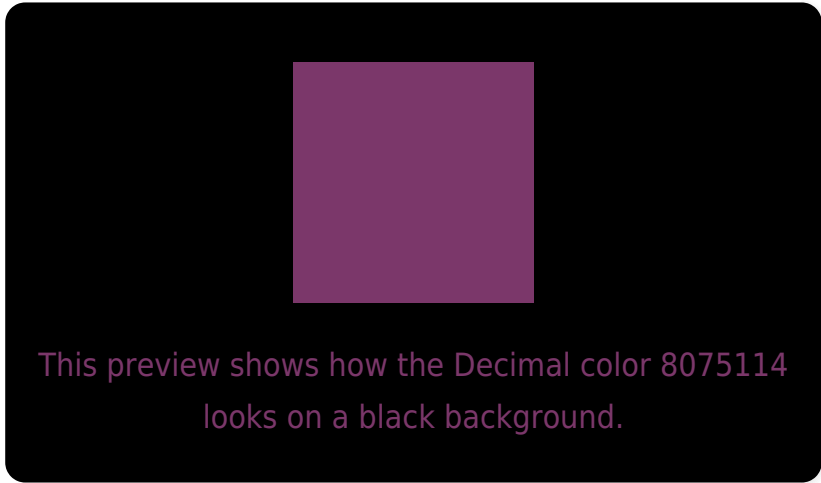
Large Text (above 18pt) WCAG AA ✓ Pass

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

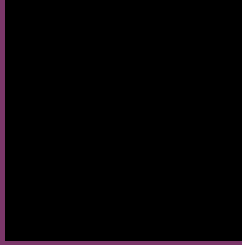
Any Text WCAG AA × Fail

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 8075114 Background



This preview shows how black text looks on a background with the Decimal color 8075114.

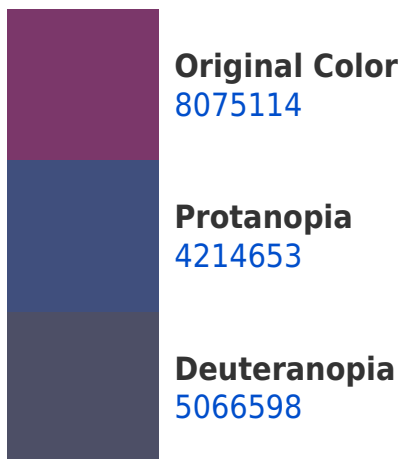



This preview shows how white text looks on a background with the Decimal color 8075114.

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





Tritanopia
7815237

Trichromacy



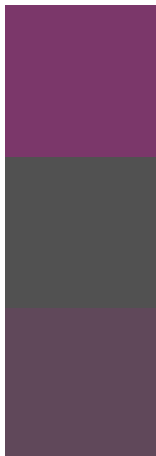
Original Color
8075114

Protanomaly
5588598

Deuteranomaly
6178407

Tritanomaly
7880018

Monochromacy



Original Color
8075114

Achromatopsia
5329233

Achromatomaly
6309978

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8075114 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 #7B376A looks like.

```
.text, #text, p{  
    color:#7B376A  
}
```

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 #7B376A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B376A
}
```

Border

The CSS property to change the border of an element to Decimal 8075114 is called "border". The border property can be set on classes, ids or directly on the HTML element.

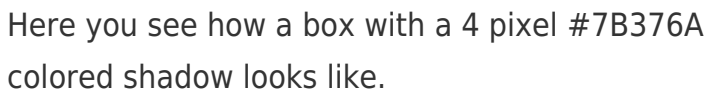
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B376A }
```

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

```
.border{ border-color:#7B376A }
```

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



Here you see how a box with a 4 pixel #7B376A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B376A; -webkit-box-shadow:4px 4px  
4px 4px #7B376A; box-shadow:4px 4px 4px  
4px #7B376A }
```

Background

The CSS property to change the background color of an element to Decimal 8075114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B376A }
```

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

```
.background{ background-color:#7B376A }
```

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