

Converting Colors

Decimal(8736166)

Have a look what the booklet for
Decimal(8736166) contains.

Decimal(8736166)	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(8736166)

Conversions

Conversions Part 1

Format	Color
Hex	854DA6
RGB	133, 77, 166
RGB Percent	52%, 30%, 65%
CMY	0.4784, 0.6980, 0.3490
CMYK	0.20, 0.54, 0.00, 0.35
HSL	278°, 37%, 48%
HSV	278°, 54%, 65%
XYZ	19.2097, 13.0475, 37.5823
YIQ	103.8900, 4.8070, 39.5510

Conversions

Conversions Part 2

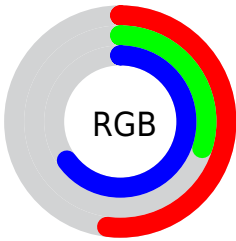
Format	Color
R_{YB}	133, 77, 166
Decimal	8736166
CIE _{Lab}	42.83, 39.83, -38.85
CIE _{LCh}	43, 55.641, 315.708
Yxy	13.0475, 0.2751, 0.1868
Android (android.graphics.Color)	4286926246 (0xFF854DA6)
YUV	103.8900, 30.6202, 25.5295
Hunter-Lab	36.1213, 31.7159, -36.4033

Details

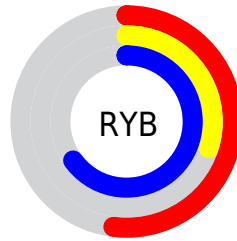
The Decimal color **8736166** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7251533**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **12353758**, and **5250161** is the 20% darker color. If you saturate the color by 10%, you get **8338598**, and if you desaturate by 10%, it is **9133734**.

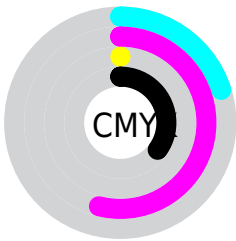
Distribution



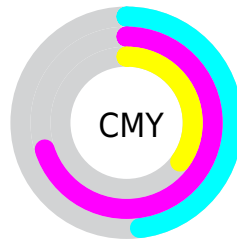
- Red (52%)
- Green (30%)
- Blue (65%)



- Red (52%)
- Yellow (30%)
- Blue (65%)



- Cyan (20%)
- Magenta (54%)
- Yellow (0%)
- Black (35%)



- Cyan (48%)
- Magenta (70%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8736166 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 8736166 by changing the saturation by 10% instead.

8736166

8736166

16777215

6960267

12353758

5250161

14261242

3604824

16168703

2097217

16765695

42

16772863

276

0

8736166

8736166

8338598

9133734

7941286

9531046

7543718

9928614

7080870

10391462

6815910

10789030

11186598

11583910

11981478

12378790

Harmonies

Analogous

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



2843326



8736166



11286653

Triad

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



8736166



9198336



31357

Complementary

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



8736166



7251533

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.



31053



8736166



6580736

Square

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



8736166



11159076



2782238



30886

Rectangle

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



8736166



11940446



2782238



31341

Sweetspot

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



8736166



13416153



5074854



6707566



15592941



7237230

Same Dimension

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



8736166



10833625



10898844



5327956



6094996



851988

Inverse Universe

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



10898798



14241409



5088855



5524559



9699383



1310728

Previews

White Background



This preview shows how the Decimal color 8736166 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 × Fail

Black Background



This preview shows how the Decimal color 8736166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 8736166 Background



This preview shows how black text looks on a background with the Decimal color 8736166.




This preview shows how white text looks on a background with the Decimal color 8736166.

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
8085093

Trichromacy



Original Color
8736166

Protanomaly
5594035

Deuteranomaly
6053283

Tritanomaly
8345725

Monochromacy



Original Color
8736166

Achromatopsia
6842472

Achromatomaly
7560831

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8736166 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 #854DA6 looks like.

```
.text, #text, p{  
    color:#854DA6  
}
```

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 #854DA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #854DA6
}
```

Border

The CSS property to change the border of an element to Decimal 8736166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

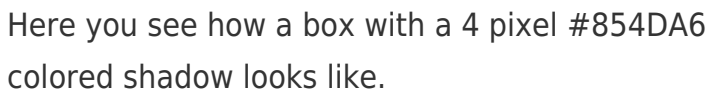
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#854DA6 }
```

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

```
.border{ border-color:#854DA6 }
```

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



Here you see how a box with a 4 pixel #854DA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #854DA6; -webkit-box-shadow:4px 4px  
4px 4px #854DA6; box-shadow:4px 4px 4px  
4px #854DA6 }
```

Background

The CSS property to change the background color of an element to Decimal 8736166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#854DA6 }
```

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

```
.background{ background-color:#854DA6 }
```

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