

Converting Colors

Hex(86326A)

Have a look what the booklet for
Hex(86326A) contains.

Hex(86326A)	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

Hex(86326A)

Conversions

Conversions Part 1

Format	Color
Hex	86326A
RGB	134, 50, 106
RGB Percent	53%, 20%, 42%
CMY	0.4745, 0.8039, 0.5843
CMYK	0.00, 0.63, 0.21, 0.47
HSL	320°, 46%, 36%
HSV	320°, 63%, 53%
XYZ	13.5736, 8.3901, 14.5397
YIQ	81.5000, 32.0880, 35.2240

Conversions

Conversions Part 2

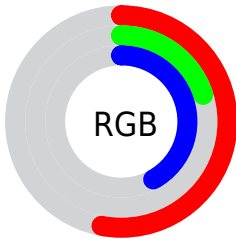
Format	Color
R_{YB}	134, 50, 106
Decimal	8794730
CIE _{Lab}	34.78, 42.46, -14.67
CIE _{LCh}	35, 44.923, 340.940
Yxy	8.3901, 0.3718, 0.2298
Android (android.graphics.Color)	4286984810 (0xFF86326A)
YUV	81.5000, 12.0785, 46.0425
Hunter-Lab	28.9657, 32.9568, -9.4853

Details

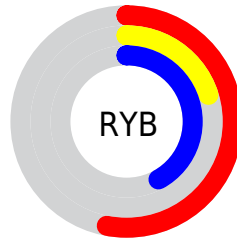
The Hex color **86326A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **32864E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **BD659D**, and **51003B** is the 20% darker color. If you saturate the color by 10%, you get **862566**, and if you desaturate by 10%, it is **863F6E**.

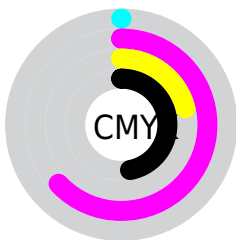
Distribution



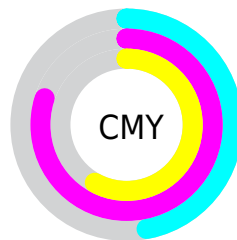
- Red (53%)
- Green (20%)
- Blue (42%)



- Red (53%)
- Yellow (20%)
- Blue (42%)



- Cyan (0%)
- Magenta (63%)
- Yellow (21%)
- Black (47%)



- Cyan (47%)
- Magenta (80%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86326A 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 Hex color 86326A by changing the saturation by 10% instead.

 86326A

 86326A

FFFFFF

 6B1752

 BD659D

 51003B

 DA80B8

 380025

 F79BD4

 1F000E

 FFB6F0

 000000

 FFD2FF

 FFEFFF

 86326A

 86326A

 862566

 863F6E

861761

864D73

860A5D

865A77

860059

86687C

867580

868285

869089

869D8E

86AB92

Harmonies

Analogous

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



644288



86326A



922D46

Triad

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



86326A



575400



006180

Complementary

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



86326A



32864E

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.



00625E



86326A



2F5C16

Square

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



86326A



754805



006139



005C95

Rectangle

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



86326A



8F332F



006139



006276

Sweetspot

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



86326A



AD8CA2



4E3286



574350



D6D6D6



575757

Same Dimension

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



86326A



AD2B82



863240



423C40



820057



030002

Inverse Universe

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



86326A



AD2B82



328678



423C40



820057



030002

Previews

White Background



This preview shows how the Hex color 86326A looks on a white background.

Color Contrast Check

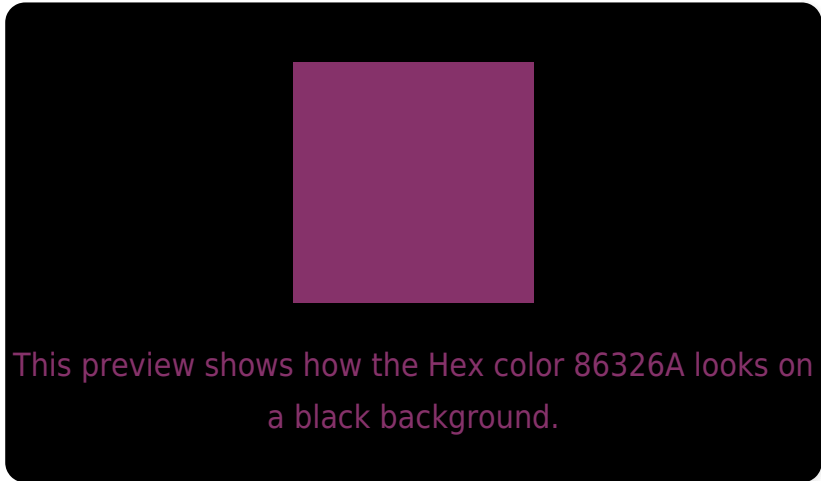
Large Text (above 18pt) WCAG AA ✓ Pass

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

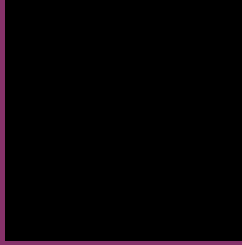
Any Text WCAG AA × Fail

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](#).

Hex 86326A Background



This preview shows how black text looks on a background with the Hex color 86326A.

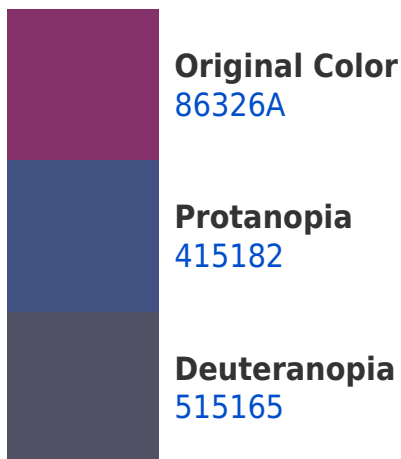


This preview shows how white text looks on a background with the Hex color 86326A.

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
823C41

Trichromacy



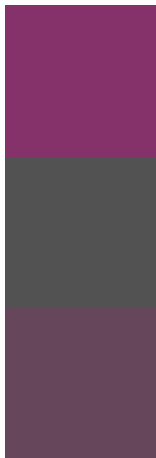
Original Color
86326A

Protanomaly
5A4679

Deuteranomaly
644667

Tritanomaly
833850

Monochromacy



Original Color
86326A

Achromatopsia
525252

Achromatomaly
65465B

CSS Examples

Text

The CSS property to change the color of the text to Hex 86326A 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 #86326A looks like.

```
.text, #text, p{  
    color:#86326A  
}
```

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 #86326A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86326A
}
```

Border

The CSS property to change the border of an element to Hex 86326A is called "border". The border property can be set on classes, ids or directly on the HTML element.

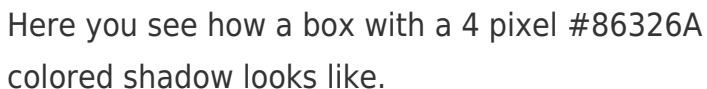
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86326A }
```

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

```
.border{ border-color:#86326A }
```

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



Here you see how a box with a 4 pixel #86326A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86326A; -webkit-box-shadow:4px 4px  
4px 4px #86326A; box-shadow:4px 4px 4px  
4px #86326A }
```

Background

The CSS property to change the background color of an element to Hex 86326A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86326A }
```

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

```
.background{ background-color:#86326A }
```

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