

Converting Colors

Hex(34266A)

Have a look what the booklet for
Hex(34266A) contains.

Hex(34266A)	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(34266A)

Conversions

Conversions Part 1

Format	Color
Hex	34266A
RGB	52, 38, 106
RGB Percent	20%, 15%, 42%
CMY	0.7961, 0.8510, 0.5843
CMYK	0.51, 0.64, 0.00, 0.58
HSL	252°, 47%, 28%
HSV	252°, 64%, 42%
XYZ	4.7108, 3.1569, 13.9967
YIQ	49.9380, -13.4840, 24.1160

Conversions

Conversions Part 2

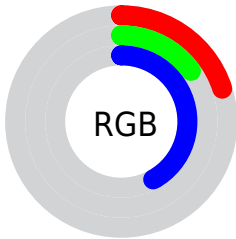
Format	Color
R_{YB}	52, 38, 106
Decimal	3417706
CIE _{Lab}	20.66, 25.64, -37.73
CIE _{LCh}	21, 45.615, 304.199
Yxy	3.1569, 0.2155, 0.1444
Android (android.graphics.Color)	4281607786 (0xFF34266A)
YUV	49.9380, 27.6386, 1.8084
Hunter-Lab	17.7677, 16.2330, -34.2692

Details

The Hex color **34266A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5C6A26**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **67549E**, and **05003A** is the 20% darker color. If you saturate the color by 10%, you get **2C1B6A**, and if you desaturate by 10%, it is **3C316A**.

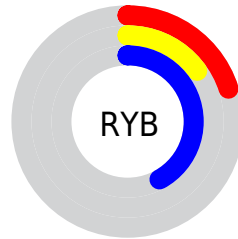
Distribution



Red (20%)

Green (15%)

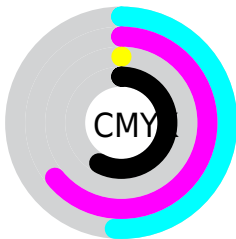
Blue (42%)



Red (20%)

Yellow (15%)

Blue (42%)

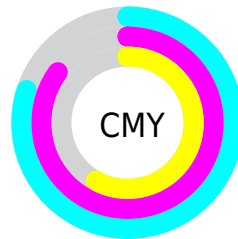


Cyan (51%)

Magenta (64%)

Yellow (0%)

Black (58%)



Cyan (80%)

Magenta (85%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34266A 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 34266A by changing the saturation by 10% instead.

■ 34266A

■ 34266A

FFFFFF

■ 191151

■ 67549E

■ 05003A

■ 826CB9

■ 000223

■ 9D86D5

■ 00000B

■ B8A0F2

■ 000000

■ D5BBFF

■ F2D7FF

■ FFF3FF

■ 34266A

■ 34266A

■ 2C1B6A

■ 3C316A

■ 23116A

■ 453B6A

■ 1B066A

■ 4D466A

■ 16006A

■ 56506A

■ 5E5B6A

■ 67666A

■ 6F706A

■ 777B6A

■ 80856A

Harmonies

Analogous

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



003576



34266A



5C0E50

Triad

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



34266A



552400



003F36

Complementary

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



34266A



5C6A26

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.



003E12



34266A



3A3200

Square

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



34266A



660E0D



173A00



003F57

Rectangle

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



34266A



68003A



173A00



003F2A

Sweetspot

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



34266A



75708A



265C6A



383545



C4C4C4



454545

Same Dimension

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



34266A



36208A



56266A



313036



180075



3200F5

Inverse Universe

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



6A265C



8A2074



3A6A26



363034



75005D



F500C2

Previews

White Background



This preview shows how the Hex color 34266A looks on a white background.

Color Contrast Check

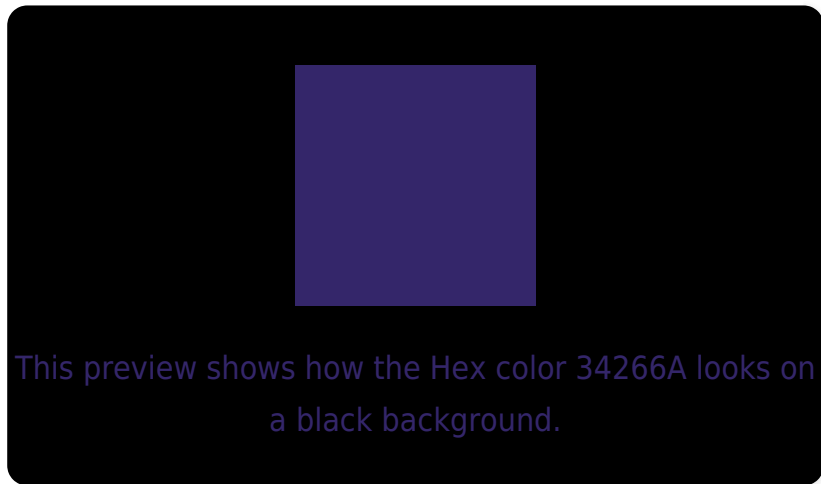
Large Text (above 18pt) WCAG AA ✓ Pass

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

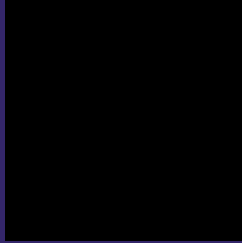
Any Text WCAG AA × Fail

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 34266A Background



This preview shows how black text looks on a background with the Hex color 34266A.



This preview shows how white text looks on a background with the Hex color 34266A.

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
34266A

Protanopia
003066

Deuteranopia
003359



Tritanopia
253539

Trichromacy



Original Color
34266A

Protanomaly
132C67

Deuteranomaly
132E5F

Tritanomaly
2A304B

Monochromacy



Original Color
34266A

Achromatopsia
323232

Achromatomaly
332E46

CSS Examples

Text

The CSS property to change the color of the text to Hex 34266A 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 #34266A looks like.

```
.text, #text, p{  
    color:#34266A  
}
```

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 #34266A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34266A
}
```

Border

The CSS property to change the border of an element to Hex 34266A is called "border". The border property can be set on classes, ids or directly on the HTML element.

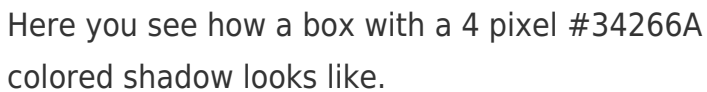
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#34266A }
```

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

```
.border{ border-color:#34266A }
```

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



Here you see how a box with a 4 pixel #34266A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34266A; -webkit-box-shadow:4px 4px  
4px 4px #34266A; box-shadow:4px 4px 4px  
4px #34266A }
```

Background

The CSS property to change the background color of an element to Hex 34266A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34266A }
```

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

```
.background{ background-color:#34266A }
```

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](#).

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