

Converting Colors

Hex(302D86)

Have a look what the booklet for
Hex(302D86) contains.

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Color

Hex(302D86)

Conversions

Conversions Part 1

Format	Color
Hex	302D86
RGB	48, 45, 134
RGB Percent	19%, 18%, 53%
CMY	0.8118, 0.8235, 0.4745
CMYK	0.64, 0.66, 0.00, 0.47
HSL	242°, 50%, 35%
HSV	242°, 66%, 53%
XYZ	6.4604, 4.2264, 23.0295
YIQ	56.0430, -26.7810, 28.3150

Conversions

Conversions Part 2

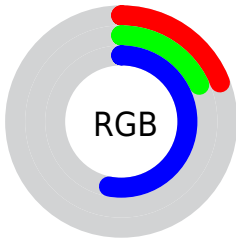
Format	Color
R_{YB}	48, 45, 134
Decimal	3157382
CIE _{Lab}	24.41, 29.89, -49.50
CIE _{LCh}	24, 57.821, 301.126
Yxy	4.2264, 0.1916, 0.1254
Android (android.graphics.Color)	4281347462 (0xFF302D86)
YUV	56.0430, 38.4328, -7.0537
Hunter-Lab	20.5582, 20.1167, -52.0267

Details

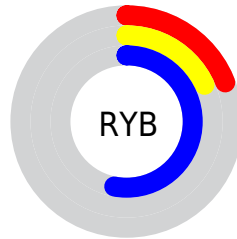
The Hex color **302D86** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **83862D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **685BBC**, and **000253** is the 20% darker color. If you saturate the color by 10%, you get **232086**, and if you desaturate by 10%, it is **3D3A86**.

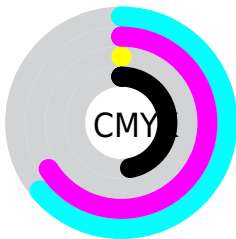
Distribution



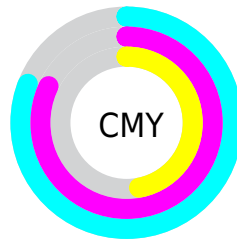
- Red (19%)
- Green (18%)
- Blue (53%)



- Red (19%)
- Yellow (18%)
- Blue (53%)



- Cyan (64%)
- Magenta (66%)
- Yellow (0%)
- Black (47%)



- Cyan (81%)
- Magenta (82%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302D86 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 302D86 by changing the saturation by 10% instead.

■ 302D86

■ 302D86

FFFFFF

■ 0B186C

■ 685BBC

■ 000253

■ 8474D8

■ 00013B

■ A08EF5

■ 000225

■ BCA8FF

■ 00010D

■ D9C4FF

■ 000000

■ F7E0FF

■ FFFCFF

■ 302D86

■ 302D86

■ 232086

■ 3D3A86

■ 161286

■ 4A4886

■ 090586

■ 575586

■ 050086

■ 646386

■ 717086

■ 7E7D86

■ 8B8B86

■ 989886

■ A5A686

Harmonies

Analogous

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



004093



302D86



6D0365

Triad

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



302D86



682500



004B3B

Complementary

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



302D86



83862D

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.



004909



302D86



473900

Square

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



302D86



7D0010



184400



004B66

Rectangle

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



302D86



7E0049



184400



004A2B

Sweetspot

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



302D86



8C8BAD



2D8386



434257



D6D6D6



575757

Same Dimension

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



302D86



2723AD



5C2D86



3C3C42



040082



000003

Inverse Universe

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



862D83



AD23A9



57862D



423C42



82007E



030002

Previews

White Background



This preview shows how the Hex color 302D86 looks on a white background.

Color Contrast Check

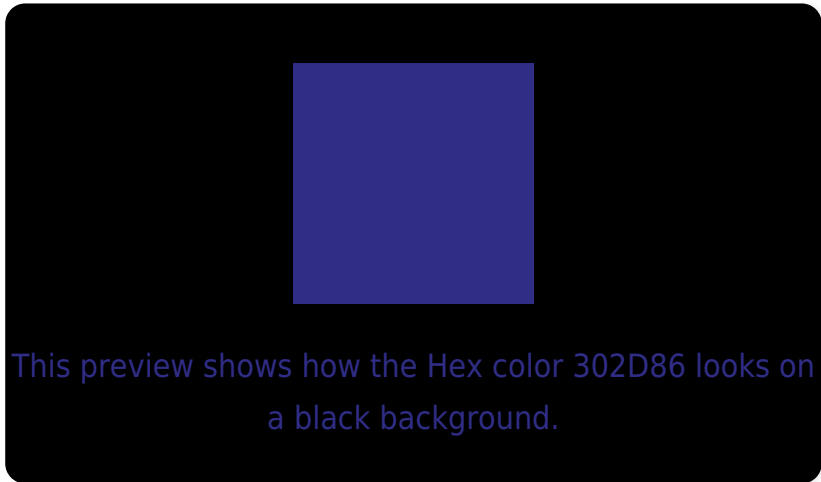
Large Text (above 18pt) WCAG AA ✓ Pass

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

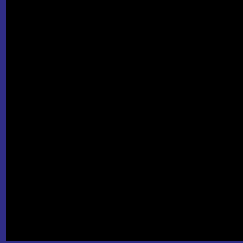
Any Text WCAG AA × Fail

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 302D86 Background



This preview shows how black text looks on a background with the Hex color 302D86.



This preview shows how white text looks on a background with the Hex color 302D86.

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
302D86

Protanopia
003877

Deuteranopia
003C66

Trichromacy



Original Color
302D86

Protanomaly
11347C

Deuteranomaly
113772

Tritanomaly
113A5D

Monochromacy



Original Color
302D86

Achromatopsia
383838

Achromatomaly
353454

CSS Examples

Text

The CSS property to change the color of the text to Hex 302D86 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 #302D86 looks like.

```
.text, #text, p{  
    color:#302D86  
}
```

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 #302D86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302D86  
}
```

Border

The CSS property to change the border of an element to Hex 302D86 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  
#302D86 }
```

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

```
.border{ border-color:#302D86 }
```

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

Here you see how a box with a 4 pixel #302D86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302D86; -webkit-box-shadow:4px 4px  
4px 4px #302D86; box-shadow:4px 4px 4px  
4px #302D86 }
```

Background

The CSS property to change the background color of an element to Hex 302D86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302D86 }
```

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

```
.background{ background-color:#302D86 }
```

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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