

Converting Colors

Hex(342178)

Have a look what the booklet for
Hex(342178) contains.

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Color

Hex(342178)

Conversions

Conversions Part 1

Format	Color
Hex	342178
RGB	52, 33, 120
RGB Percent	20%, 13%, 47%
CMY	0.7961, 0.8706, 0.5294
CMYK	0.57, 0.72, 0.00, 0.53
HSL	253°, 57%, 30%
HSV	253°, 72%, 47%
XYZ	5.3502, 3.1738, 18.0999
YIQ	48.5990, -16.6030, 31.0850

Conversions

Conversions Part 2

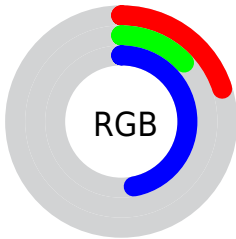
Format	Color
RYB	52, 33, 120
Decimal	3416440
CIELab	20.73, 33.32, -46.65
CIElCh	21, 57.322, 305.536
Yxy	3.1738, 0.2010, 0.1192
Android (android.graphics.Color)	4281606520 (0xFF342178)
YUV	48.5990, 35.2007, 2.9827
Hunter-Lab	17.8153, 22.4295, -47.7666

Details

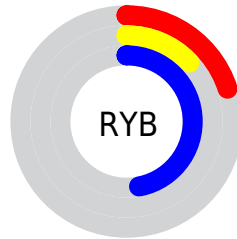
The Hex color **342178** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **657821**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **6A4FAD**, and **000047** is the 20% darker color. If you saturate the color by 10%, you get **2B1578**, and if you desaturate by 10%, it is **3D2D78**.

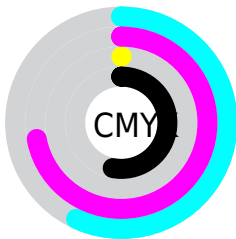
Distribution



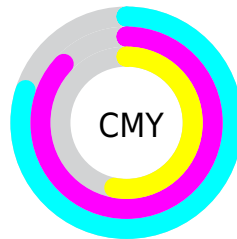
- Red (20%)
- Green (13%)
- Blue (47%)



- Red (20%)
- Yellow (13%)
- Blue (47%)



- Cyan (57%)
- Magenta (72%)
- Yellow (0%)
- Black (53%)



- Cyan (80%)
- Magenta (87%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342178 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 342178 by changing the saturation by 10% instead.

■ 342178

■ 342178

FFFFFF

■ 160B5F

■ 6A4FAD

■ 000047

■ 8568C9

■ 00042F

■ A181E5

■ 000119

■ BD9BFF

■ 000000

■ DAB6FF

■ F7D2FF

■ FFEFFF

■ 342178

■ 342178

■ 2B1578

■ 3D2D78

■ 210978

■ 473978

■ 1A0078

■ 504578

■ 5A5178

■ 635D78

■ 6C6978

■ 767578

■ 7F8178

■ 888D78

Harmonies

Analogous

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



003688



342178



670056

Triad

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



342178



592100



004239

Complementary

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



342178



657821

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.



00400A



342178



383300

Square

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



342178



700000



003C00



004263

Rectangle

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



342178



75003A



003C00



00412A

Sweetspot

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



342178



81799C



216578



3F3A4F



CFCFCF



4F4F4F

Same Dimension

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



342178



32149C



5F2178



38373D



1B007D



3700FC

Inverse Universe

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



782165



9C147E



3A7821



3D373C



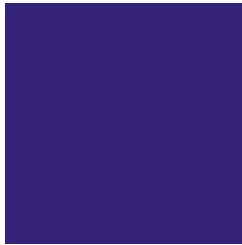
7D0062



FC00C5

Previews

White Background



This preview shows how the Hex color 342178 looks on a white background.

Color Contrast Check

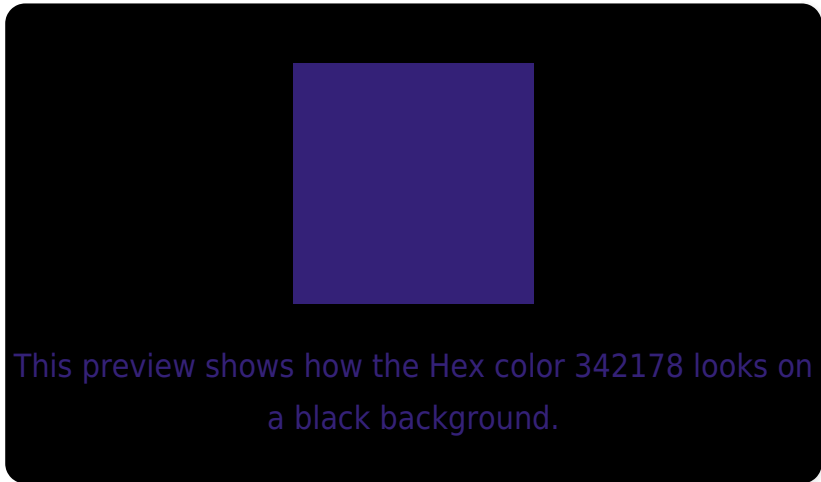
Large Text (above 18pt) WCAG AA ✓ Pass

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

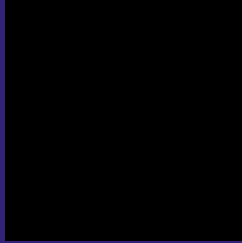
Any Text WCAG AA × Fail

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 342178 Background



This preview shows how black text looks on a background with the Hex color 342178.



This preview shows how white text looks on a background with the Hex color 342178.

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](#).

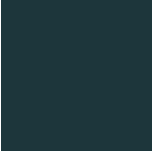
Dichromacy



Original Color
342178

Protanopia
003167

Deuteranopia
003458



Tritanopia
1D363B

Trichromacy



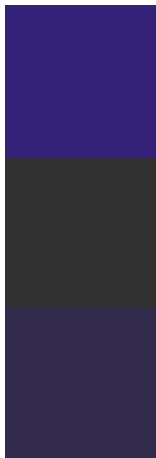
Original Color
342178

Protanomaly
132B6D

Deuteranomaly
132D64

Tritanomaly
252E51

Monochromacy



Original Color
342178

Achromatopsia
313131

Achromatomaly
322B4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 342178 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 #342178 looks like.

```
.text, #text, p{  
    color:#342178  
}
```

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 #342178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342178
}
```

Border

The CSS property to change the border of an element to Hex 342178 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
#342178 }
```

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

```
.border{ border-color:#342178 }
```

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

Here you see how a box with a 4 pixel #342178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342178; -webkit-box-shadow:4px 4px  
4px 4px #342178; box-shadow:4px 4px 4px  
4px #342178 }
```

Background

The CSS property to change the background color of an element to Hex 342178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342178 }
```

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

```
.background{ background-color:#342178 }
```

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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