

Converting Colors

Hex(322467)

Have a look what the booklet for
Hex(322467) contains.

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Color

Hex(322467)

Conversions

Conversions Part 1

Format	Color
Hex	322467
RGB	50, 36, 103
RGB Percent	20%, 14%, 40%
CMY	0.8039, 0.8588, 0.5961
CMYK	0.51, 0.65, 0.00, 0.60
HSL	253°, 48%, 27%
HSV	253°, 65%, 40%
XYZ	4.3945, 2.9191, 13.1638
YIQ	47.8240, -13.1630, 23.8050

Conversions

Conversions Part 2

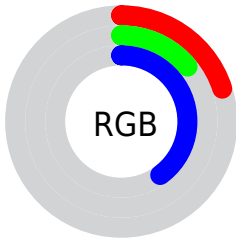
Format	Color
R_{YB}	50, 36, 103
Decimal	3286119
CIE _{Lab}	19.72, 25.50, -37.31
CIE _{LCh}	20, 45.196, 304.353
Yxy	2.9191, 0.2146, 0.1426
Android (android.graphics.Color)	4281476199 (0xFF322467)
YUV	47.8240, 27.2018, 1.9084
Hunter-Lab	17.0855, 16.0113, -33.7212

Details

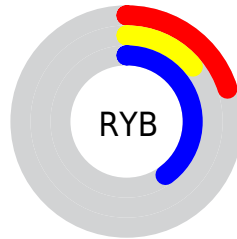
The Hex color **322467** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **596724**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **65519B**, and **040037** is the 20% darker color. If you saturate the color by 10%, you get **2A1A67**, and if you desaturate by 10%, it is **3A2E67**.

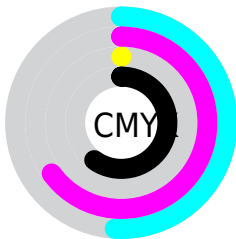
Distribution



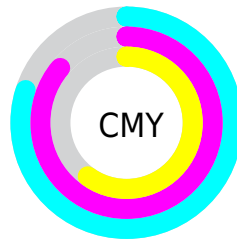
- Red (20%)
- Green (14%)
- Blue (40%)



- Red (20%)
- Yellow (14%)
- Blue (40%)



- Cyan (51%)
- Magenta (65%)
- Yellow (0%)
- Black (60%)



- Cyan (80%)
- Magenta (86%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 322467 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 322467 by changing the saturation by 10% instead.

■ 322467

■ 322467

FFFFFF

■ 170F4E

■ 65519B

■ 040037

■ 7F6AB6

■ 000221

■ 9A83D2

■ 000006

■ B69DEE

■ 000000

■ D2B8FF

■ EFD4FF

■ FFF0FF

■ 322467

■ 322467

■ 2A1A67

■ 3A2E67

■ 220F67

■ 423967

■ 1A0567

■ 4A4367

■ 160067

■ 534D67

■ 5B5867

■ 636267

■ 6B6C67

■ 737667

■ 7B8167

Harmonies

Analogous

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



003373



322467



590B4D

Triad

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



322467



522200



003D34

Complementary

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



322467



596724

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.



003C10



322467



383000

Square

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



322467



630B0B



153800



003D54

Rectangle

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



322467



650037



153800



003D28

Sweetspot

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



322467



726C87



245A67



383445



C4C4C4



454545

Same Dimension

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



322467



341E87



532467



2F2E33



180073



3300F2

Inverse Universe

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



672459



871E71



386724



332E32



73005B



F200C0

Previews

White Background



This preview shows how the Hex color 322467 looks on a white background.

Color Contrast Check

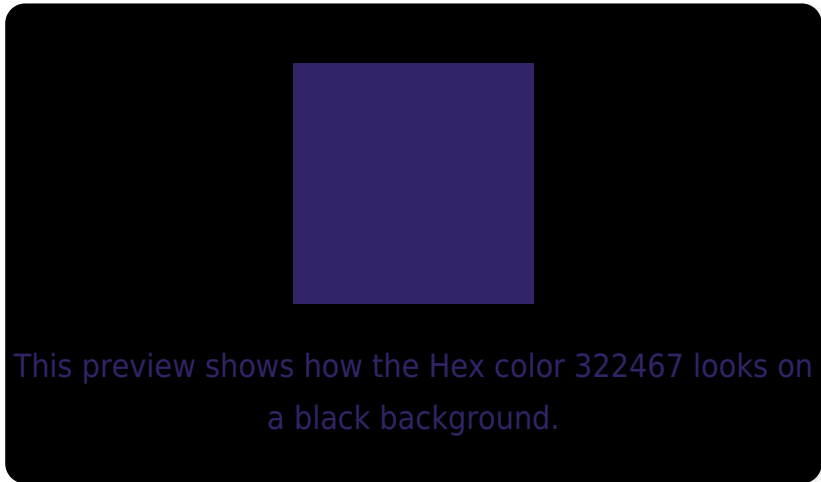
Large Text (above 18pt) WCAG AA ✓ Pass

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

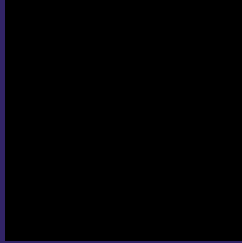
Any Text WCAG AA × Fail

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 322467 Background



This preview shows how black text looks on a background with the Hex color 322467.



This preview shows how white text looks on a background with the Hex color 322467.

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](#).

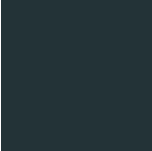
Dichromacy



Original Color
322467

Protanopia
002E62

Deuteranopia
003155



Tritanopia
233337

Trichromacy



Original Color
322467

Protanomaly
122A64

Deuteranomaly
122C5C

Tritanomaly
282E48

Monochromacy



Original Color
322467

Achromatopsia
303030

Achromatomaly
312C44

CSS Examples

Text

The CSS property to change the color of the text to Hex 322467 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 #322467 looks like.

```
.text, #text, p{  
    color:#322467  
}
```

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 #322467 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #322467
}
```

Border

The CSS property to change the border of an element to Hex 322467 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
#322467 }
```

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

```
.border{ border-color:#322467 }
```

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

Here you see how a box with a 4 pixel #322467 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #322467; -webkit-box-shadow:4px 4px  
4px 4px #322467; box-shadow:4px 4px 4px  
4px #322467 }
```

Background

The CSS property to change the background color of an element to Hex 322467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#322467 }
```

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

```
.background{ background-color:#322467 }
```

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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