

Converting Colors

Hex(27344A)

Have a look what the booklet for
Hex(27344A) contains.

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Color

Hex(27344A)

Conversions

Conversions Part 1

Format	Color
Hex	27344A
RGB	39, 52, 74
RGB Percent	15%, 20%, 29%
CMY	0.8471, 0.7961, 0.7098
CMYK	0.47, 0.30, 0.00, 0.71
HSL	218°, 31%, 22%
HSV	218°, 47%, 29%
XYZ	3.3007, 3.3817, 6.9573
YIQ	50.6210, -14.8100, 4.0860

Conversions

Conversions Part 2

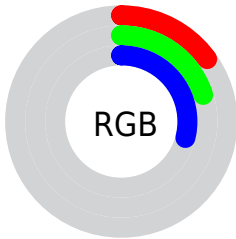
Format	Color
R_{YB}	39, 48, 74
Decimal	2569290
CIE _{Lab}	21.51, 1.44, -15.28
CIE _{LCh}	22, 15.349, 275.374
Yxy	3.3817, 0.2420, 0.2479
Android (android.graphics.Color)	4280759370 (0xFF27344A)
YUV	50.6210, 11.5258, -10.1916
Hunter-Lab	18.3895, -0.1427, -9.5587

Details

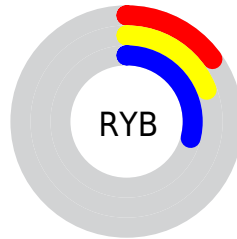
The Hex color **27344A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A3D27**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **56627B**, and **00061E** is the 20% darker color. If you saturate the color by 10%, you get **202F4A**, and if you desaturate by 10%, it is **2E394A**.

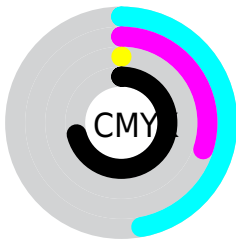
Distribution



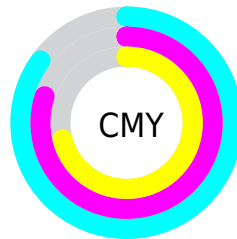
- Red (15%)
- Green (20%)
- Blue (29%)



- Red (15%)
- Yellow (19%)
- Blue (29%)



- Cyan (47%)
- Magenta (30%)
- Yellow (0%)
- Black (71%)



- Cyan (85%)
- Magenta (80%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27344A 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 27344A by changing the saturation by 10% instead.

■ 27344A

■ 27344A

FFFFFF

■ 101F33

■ 56627B

■ 00061E

■ 6F7B95

■ 000002

■ 8895AF

■ 000000

■ A3AFCB

■ BECBE7

■ DAE7FF

■ F7FFFF

■ 27344A

■ 27344A

■ 202F4A

■ 2E394A

■ 182B4A

■ 363D4A

■ 11264A

■ 3D424A

■ 09214A

■ 45474A

■ 021D4A

■ 4C4B4A

■ 001B4A

■ 53504A

■ 5B554A

■ 62594A

■ 6A5E4A

Harmonies

Analogous

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



153748



27344A



383046

Triad

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



27344A



492C27



1F392A

Complementary

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



27344A



4A3D27

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.



2D3721



27344A



43301F

Square

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



27344A



492B32



39341D



113A35

Rectangle

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



27344A



402D41



39341D



243826

Sweetspot

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



27344A



535861



274A3D



282B30



B0B0B0



303030

Same Dimension

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



27344A



2A3E61



2B274A



222426



002666



0055E6

Inverse Universe

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



4A2734



612A3E



464A27



262224



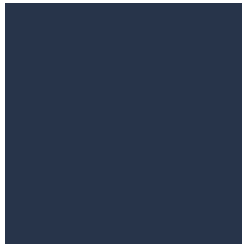
660026



E60055

Previews

White Background



This preview shows how the Hex color 27344A looks on a white background.

Color Contrast Check

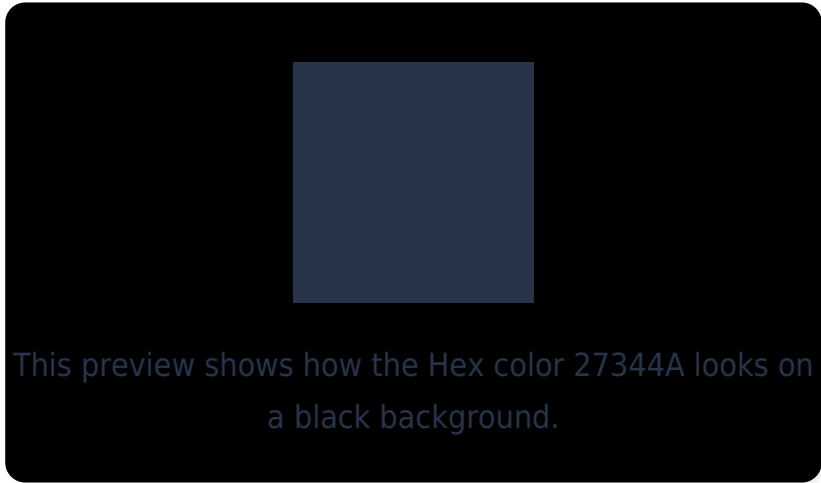
Large Text (above 18pt) WCAG AA ✓ Pass

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

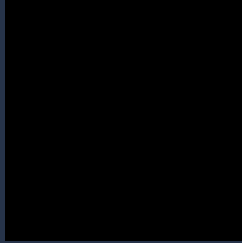
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

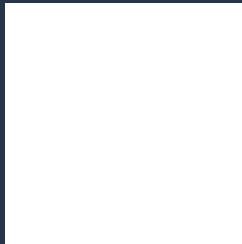
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 27344A Background



This preview shows how black text looks on a background with the Hex color 27344A.

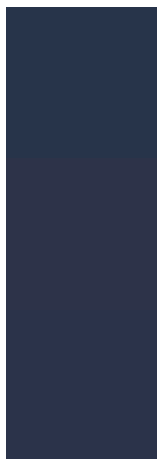


This preview shows how white text looks on a background with the Hex color 27344A.

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

27344A

Protanopia

2D3349

Deuteranopia

2B334A



Tritanopia
23373B

Trichromacy



Original Color

27344A

Protanomaly

2B3349

Deuteranomaly

2A334A

Tritanomaly

243640

Monochromacy



Original Color

27344A

Achromatopsia

333333

Achromatomaly

2F333B

CSS Examples

Text

The CSS property to change the color of the text to Hex 27344A 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 #27344A looks like.

```
.text, #text, p{  
  color:#27344A  
}
```

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 #27344A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27344A
}
```

Border

The CSS property to change the border of an element to Hex 27344A 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
#27344A }
```

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

```
.border{ border-color:#27344A }
```

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

Here you see how a box with a 4 pixel #27344A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27344A; -webkit-box-shadow:4px 4px  
4px 4px #27344A; box-shadow:4px 4px 4px  
4px #27344A }
```

Background

The CSS property to change the background color of an element to Hex 27344A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27344A }
```

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

```
.background{ background-color:#27344A }
```

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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