

Converting Colors

Hex(25344A)

Have a look what the booklet for
Hex(25344A) contains.

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Color

Hex(25344A)

Conversions

Conversions Part 1

Format	Color
Hex	25344A
RGB	37, 52, 74
RGB Percent	15%, 20%, 29%
CMY	0.8549, 0.7961, 0.7098
CMYK	0.50, 0.30, 0.00, 0.71
HSL	216°, 33%, 22%
HSV	216°, 50%, 29%
XYZ	3.2270, 3.3437, 6.9539
YIQ	50.0230, -16.0020, 3.6620

Conversions

Conversions Part 2

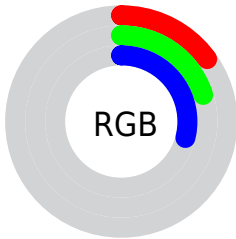
Format	Color
R_{YB}	37, 48, 74
Decimal	2438218
CIE _{Lab}	21.37, 0.82, -15.51
CIE _{LCh}	21, 15.533, 273.032
Yxy	3.3437, 0.2386, 0.2472
Android (android.graphics.Color)	4280628298 (0xFF25344A)
YUV	50.0230, 11.8207, -11.4212
Hunter-Lab	18.2858, -0.4996, -9.7472

Details

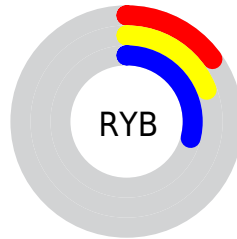
The Hex color **25344A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A3B25**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **54627B**, and **00061E** is the 20% darker color. If you saturate the color by 10%, you get **1E304A**, and if you desaturate by 10%, it is **2C384A**.

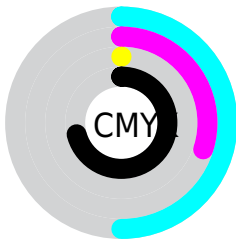
Distribution



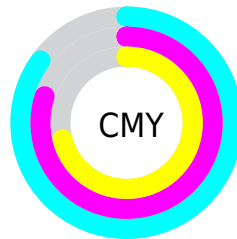
- Red (15%)
- Green (20%)
- Blue (29%)



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



- Cyan (50%)
- Magenta (30%)
- Yellow (0%)
- Black (71%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 25344A 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 25344A by changing the saturation by 10% instead.

■ 25344A

■ 25344A

FFFFFF

■ 0E1F33

■ 54627B

■ 00061E

■ 6D7B95

■ 000002

■ 8795AF

■ 000000

■ A1AFCB

■ BCCBE7

■ D8E7FF

■ F5FFFF

■ 25344A

■ 25344A

■ 1E304A

■ 2C384A

■ 162B4A

■ 343D4A

■ 0F274A

■ 3B414A

■ 07224A

■ 43464A

■ 001E4A

■ 4A4A4A

■ 514E4A

■ 59534A

■ 60574A

■ 685C4A

Harmonies

Analogous

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



123747



25344A



363046

Triad

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



25344A



492C27



203929

Complementary

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



25344A



4A3B25

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.



2E3620



25344A



432F1F

Square

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



25344A



492A33



3A331C



113934

Rectangle

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



25344A



3F2D41



3A331C



253825

Sweetspot

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



25344A



525861



254A3B



282B30



B0B0B0



303030

Same Dimension

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



25344A



273E61



28254A



222426



002966



005DE6

Inverse Universe

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



4A2534



61273E



474A25



262224



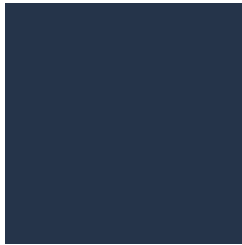
660029



E6005D

Previews

White Background



This preview shows how the Hex color 25344A looks on a white background.

Color Contrast Check

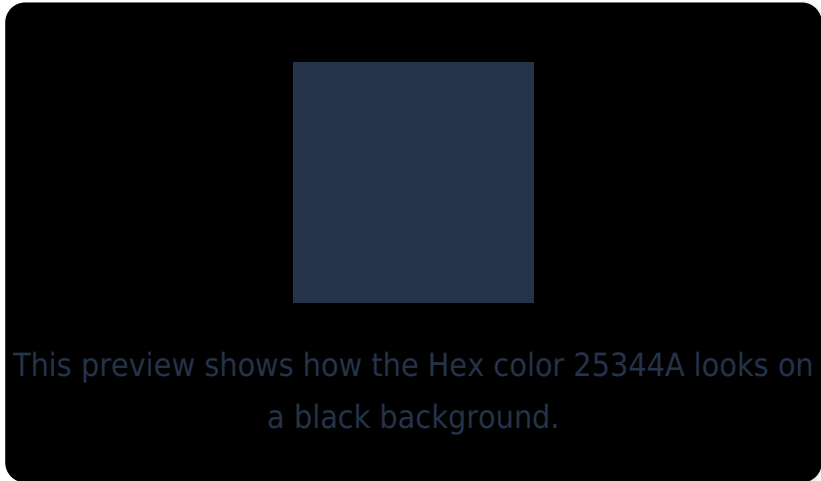
Large Text (above 18pt) WCAG AA ✓ Pass

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

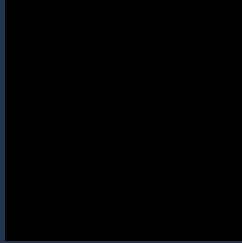
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

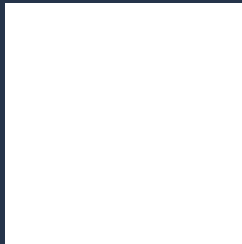
Any Text WCAG AAA × Fail

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

Hex 25344A Background



This preview shows how black text looks on a background with the Hex color 25344A.

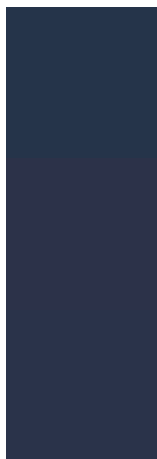


This preview shows how white text looks on a background with the Hex color 25344A.

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
25344A

Protanopia
2C3249

Deuteranopia
2A334A



Tritanopia
20373B

Trichromacy



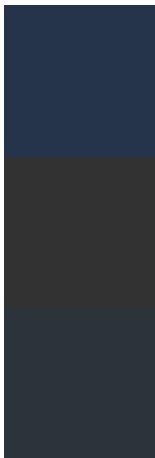
Original Color
25344A

Protanomaly
293349

Deuteranomaly
28334A

Tritanomaly
223640

Monochromacy



Original Color
25344A

Achromatopsia
323232

Achromatomaly
2D333B

CSS Examples

Text

The CSS property to change the color of the text to Hex 25344A 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 #25344A looks like.

```
.text, #text, p{  
    color:#25344A  
}
```

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 #25344A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25344A
}
```

Border

The CSS property to change the border of an element to Hex 25344A is called "border". The border property can be set on classes, ids or directly on the HTML element.

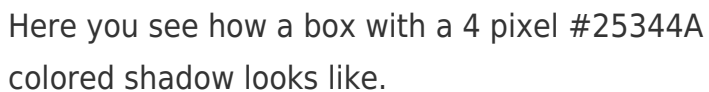
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#25344A }
```

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

```
.border{ border-color:#25344A }
```

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



Here you see how a box with a 4 pixel #25344A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25344A; -webkit-box-shadow:4px 4px  
4px 4px #25344A; box-shadow:4px 4px 4px  
4px #25344A }
```

Background

The CSS property to change the background color of an element to Hex 25344A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25344A }
```

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

```
.background{ background-color:#25344A }
```

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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