

Converting Colors

Hex(25584A)

Have a look what the booklet for
Hex(25584A) contains.

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Color

Hex(25584A)

Conversions

Conversions Part 1

Format	Color
Hex	25584A
RGB	37, 88, 74
RGB Percent	15%, 35%, 29%
CMY	0.8549, 0.6549, 0.7098
CMYK	0.58, 0.00, 0.16, 0.65
HSL	164°, 41%, 25%
HSV	164°, 58%, 35%
XYZ	5.4887, 7.8672, 7.7078
YIQ	71.1550, -25.9020, -15.1660

Conversions

Conversions Part 2

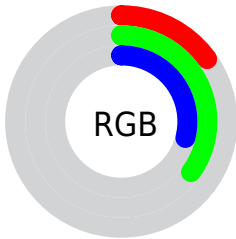
Format	Color
RYB	37, 67, 88
Decimal	2447434
CIELab	33.70, -20.98, 2.96
CIELCh	34, 21.190, 171.961
Yxy	7.8672, 0.2606, 0.3735
Android (android.graphics.Color)	4280637514 (0xFF25584A)
YUV	71.1550, 1.4026, -29.9539
Hunter-Lab	28.0485, -14.1548, 3.3409

Details

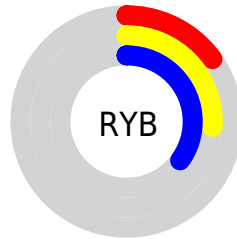
The Hex color **25584A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **582533**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **578A7B**, and **002A1E** is the 20% darker color. If you saturate the color by 10%, you get **1C5848**, and if you desaturate by 10%, it is **2E584C**.

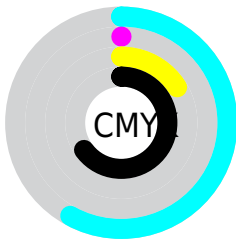
Distribution



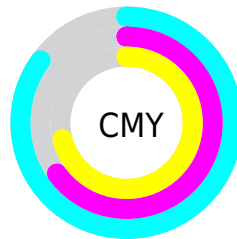
- Red (15%)
- Green (35%)
- Blue (29%)



- Red (15%)
- Yellow (26%)
- Blue (35%)



- Cyan (58%)
- Magenta (0%)
- Yellow (16%)
- Black (65%)



- Cyan (85%)
- Magenta (65%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25584A 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 25584A by changing the saturation by 10% instead.



25584A



25584A

FFFFFF



094033



578A7B



002A1E



70A594



001606



8BC0AF



000000



A6DCCA



C1F9E6



DEFFFF



FBFFFF



25584A



25584A

■ 1C5848

■ 2E584C

■ 135845

■ 37584F

■ 0B5843

■ 3F5851

■ 025840

■ 485854

■ 005840

■ 515856

■ 5A5858

■ 63585B

■ 6B585D

■ 745860

Harmonies

Analogous

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



3B563A



25584A



0F585B

Triad

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



25584A



4B4D6E



6B4735

Complementary

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



25584A



582533

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.



704344



25584A



604764

Square

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



25584A



305270



6D4354



5F4D2E

Rectangle

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



25584A



0D5765



6D4354



6D453A

Sweetspot

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



25584A



5F736D



335825



2F3B37



BABABA



3B3B3B

Same Dimension

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



25584A



22735D



254D58



272B2A



006B4E



00EBAA

Inverse Universe

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



582533



732238



583025



2B2728



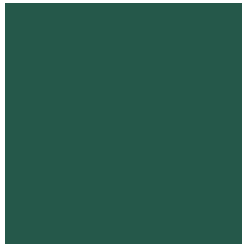
6B001D



EB0040

Previews

White Background



This preview shows how the Hex color 25584A looks on a white background.

Color Contrast Check

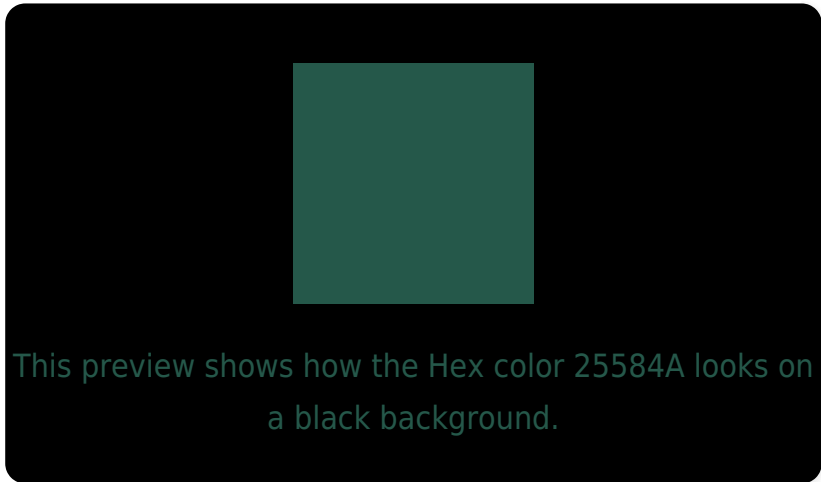
Large Text (above 18pt) WCAG AA ✓ Pass

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

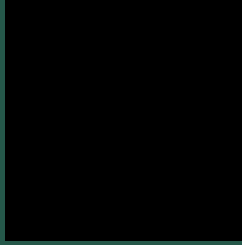
Any Text WCAG AA × Fail

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 25584A Background



This preview shows how black text looks on a background with the Hex color 25584A.



This preview shows how white text looks on a background with the Hex color 25584A.

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](#).

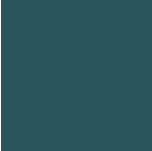
Dichromacy



Original Color
25584A

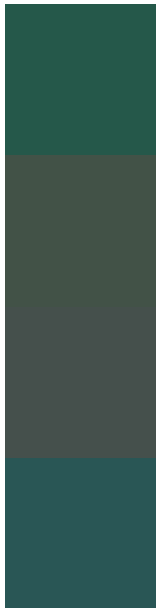
Protanopia
534F45

Deuteranopia
574C4D



Tritanopia
2B555C

Trichromacy



Original Color
25584A

Protanomaly
425247

Deuteranomaly
45504C

Tritanomaly
295655

Monochromacy



Original Color
25584A

Achromatopsia
474747

Achromatomaly
3B4D48

CSS Examples

Text

The CSS property to change the color of the text to Hex 25584A 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 #25584A looks like.

```
.text, #text, p{  
    color:#25584A  
}
```

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 #25584A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25584A
}
```

Border

The CSS property to change the border of an element to Hex 25584A 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
#25584A }
```

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

```
.border{ border-color:#25584A }
```

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

Here you see how a box with a 4 pixel #25584A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25584A; -webkit-box-shadow:4px 4px  
4px 4px #25584A; box-shadow:4px 4px 4px  
4px #25584A }
```

Background

The CSS property to change the background color of an element to Hex 25584A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25584A }
```

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

```
.background{ background-color:#25584A }
```

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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