

Converting Colors

Hex(51584F)

Have a look what the booklet for
Hex(51584F) contains.

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Color

Hex(51584F)

Conversions

Conversions Part 1

Format	Color
Hex	51584F
RGB	81, 88, 79
RGB Percent	32%, 35%, 31%
CMY	0.6824, 0.6549, 0.6902
CMYK	0.08, 0.00, 0.10, 0.65
HSL	107°, 5%, 33%
HSV	107°, 10%, 35%
XYZ	8.2943, 9.2933, 8.7538
YIQ	84.8810, -1.2830, -4.2830

Conversions

Conversions Part 2

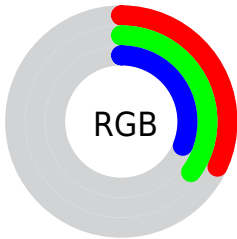
Format	Color
R_{YB}	79, 88, 86
Decimal	5331023
CIE Lab	36.54, -4.70, 4.27
CIE LCh	37, 6.352, 137.735
Yxy	9.2933, 0.3149, 0.3528
Android (android.graphics.Color)	4283521103 (0xFF51584F)
YUV	84.8810, -2.8993, -3.4036
Hunter-Lab	30.4849, -4.7822, 4.3143

Details

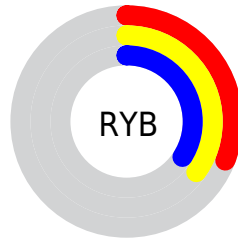
The Hex color **51584F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **564F58**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **828A80**, and **242B23** is the 20% darker color. If you saturate the color by 10%, you get **4A5846**, and if you desaturate by 10%, it is **585858**.

Distribution



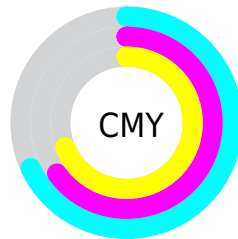
- Red (32%)
- Green (35%)
- Blue (31%)



- Red (31%)
- Yellow (35%)
- Blue (34%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (65%)



- Cyan (68%)
- Magenta (65%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51584F 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 51584F by changing the saturation by 10% instead.

■ 51584F

■ 51584F

FFFFFF

■ 3A4138

■ 828A80

■ 242B23

■ 9CA49A

■ 10160D

■ B7BFB5

■ 000000

■ D3DBD0

■ EFF8ED

■ 51584F

■ 51584F

■ 4A5846

■ 585858

■ 43583D

■ 5F5861

■ 3C5835

■ 665869

■ 36582C

■ 6C5872

■ 2F5823

■ 73587B

■ 28581A

■ 7A5884

■ 215811

■ 81588D

■ 1A5809

■ 885895

■ 145800

■ 8F589E

Harmonies

Analogous

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



57574C



51584F



4C5954

Triad

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



51584F



4E5760



615353

Complementary

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



51584F



564F58

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.



5F5358



51584F



545560

Square

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



51584F



4A585D



5B545D



60534F

Rectangle

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



51584F



4A5957



5B545D



615355

Sweetspot

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



51584F



70736F



58564F



393B38



BABABA



3B3B3B

Same Dimension

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



51584F



687365



4F5851



282B27



186B00



34EB00

Inverse Universe

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



564F58



706573



584F56



2A272B



53006B



B600EB

Previews

White Background



This preview shows how the Hex color 51584F looks on a white background.

Color Contrast Check

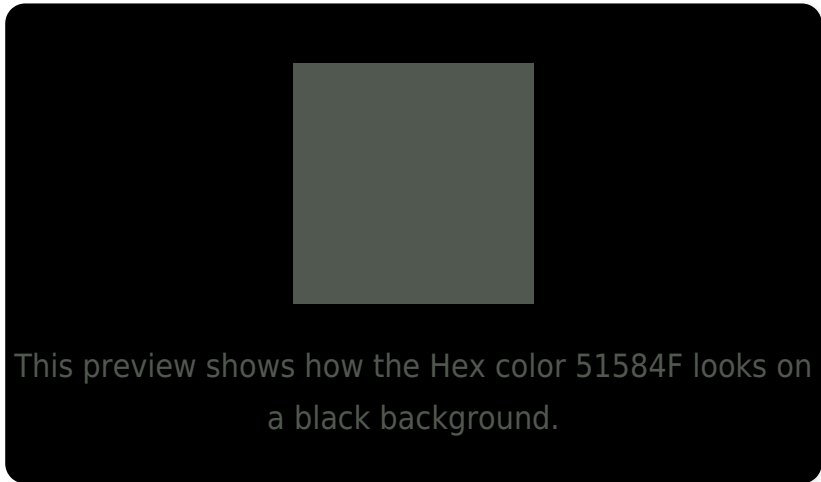
Large Text (above 18pt) WCAG AA ✓ Pass

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

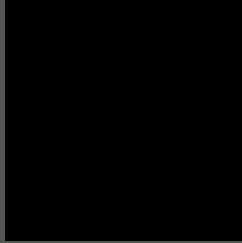
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

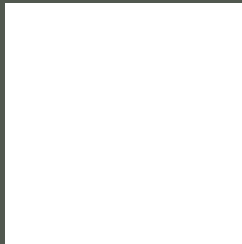
Any Text WCAG AAA × Fail

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

Hex 51584F Background



This preview shows how black text looks on a background with the Hex color 51584F.



This preview shows how white text looks on a background with the Hex color 51584F.

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](#).

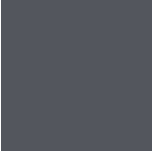
Dichromacy



Original Color
51584F

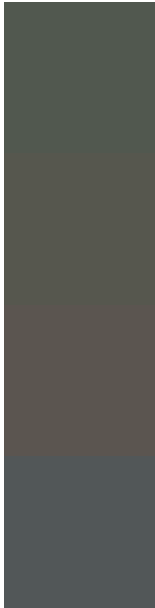
Protanopia
59564E

Deuteranopia
605350



Tritanopia
53565D

Trichromacy



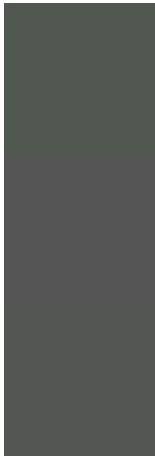
Original Color
51584F

Protanomaly
56574E

Deuteranomaly
5B5550

Tritanomaly
525758

Monochromacy



Original Color
51584F

Achromatopsia
555555

Achromatomaly
545653

CSS Examples

Text

The CSS property to change the color of the text to Hex 51584F 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 #51584F looks like.

```
.text, #text, p{  
    color:#51584F  
}
```

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 #51584F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51584F
}
```

Border

The CSS property to change the border of an element to Hex 51584F is called "border". The border property can be set on classes, ids or directly on the HTML element.

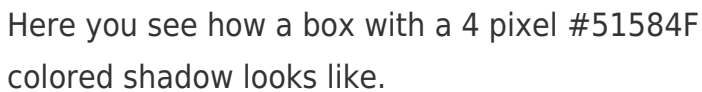
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51584F }
```

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

```
.border{ border-color:#51584F }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color, matching the #51584F color mentioned in the text. The shadow is cast to the right and bottom of the box.

Here you see how a box with a 4 pixel #51584F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51584F; -webkit-box-shadow:4px 4px  
4px 4px #51584F; box-shadow:4px 4px 4px  
4px #51584F }
```

Background

The CSS property to change the background color of an element to Hex 51584F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51584F }
```

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

```
.background{ background-color:#51584F }
```

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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