

Converting Colors

Hex(3D518F)

Have a look what the booklet for
Hex(3D518F) contains.

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Color

Hex(3D518F)

Conversions

Conversions Part 1

Format	Color
Hex	3D518F
RGB	61, 81, 143
RGB Percent	24%, 32%, 56%
CMY	0.7608, 0.6824, 0.4392
CMYK	0.57, 0.43, 0.00, 0.44
HSL	225°, 40%, 40%
HSV	225°, 57%, 56%
XYZ	9.8248, 8.8601, 27.1790
YIQ	82.0880, -31.8220, 15.0420

Conversions

Conversions Part 2

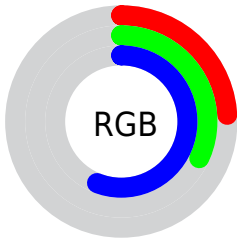
Format	Color
RYB	61, 77, 143
Decimal	4018575
CIELab	35.71, 11.75, -36.77
CIElCh	36, 38.599, 287.727
Yxy	8.8601, 0.2142, 0.1932
Android (android.graphics.Color)	4282208655 (0xFF3D518F)
YUV	82.0880, 30.0296, -18.4942
Hunter-Lab	29.7660, 6.8269, -33.3008

Details

The Hex color **3D518F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8F7B3D**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7382C5**, and **00255C** is the 20% darker color. If you saturate the color by 10%, you get **2F468F**, and if you desaturate by 10%, it is **4B5C8F**.

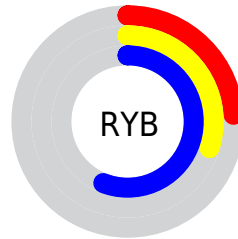
Distribution



Red (24%)

Green (32%)

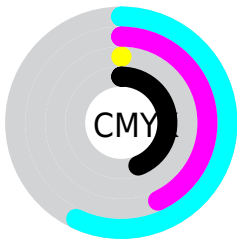
Blue (56%)



Red (24%)

Yellow (30%)

Blue (56%)

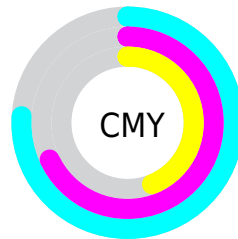


Cyan (57%)

Magenta (43%)

Yellow (0%)

Black (44%)



Cyan (76%)

Magenta (68%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D518F 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 3D518F by changing the saturation by 10% instead.

■ 3D518F

■ 3D518F

FFFFFF

■ 203A75

■ 7382C5

■ 00255C

■ 8E9CE1

■ 001144

■ AAB7FE

■ 00032D

■ C6D2FF

■ 000118

■ E3EFFF

■ 000000

■ 3D518F

■ 3D518F

■ 2F468F

■ 4B5C8F

■ 203B8F

■ 5A678F

■ 12318F

■ 68718F

■ 04268F

■ 767C8F

■ 00238F

■ 85878F

■ 93928F

■ A19D8F

■ AFA78F

■ BEB28F

Harmonies

Analogous

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



005B90



3D518F



6D447E

Triad

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



3D518F



834227



006246

Complementary

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



3D518F



8F7B3D

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.



2E5F28



3D518F



6F4E13

Square

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



3D518F



8C3843



535813



006366

Rectangle

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



3D518F



803C6C



535813



00613B

Sweetspot

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



3D518F



9BA2BA



3D8F7B



4B505E



DEDEDE



5E5E5E

Same Dimension

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



3D518F



3A59BA



523D8F



404247



002187



000208

Inverse Universe

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



8F3D51



BA3A59



7B8F3D



474042



870021



080002

Previews

White Background



This preview shows how the Hex color 3D518F looks on a white background.

Color Contrast Check

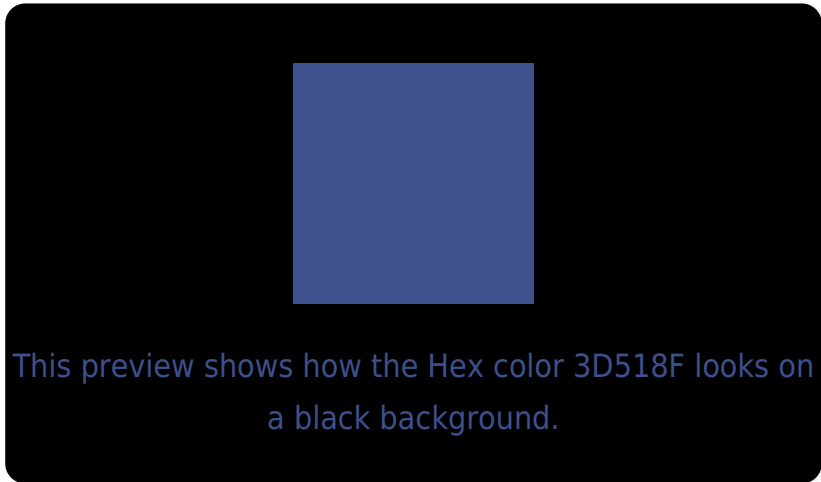
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D518F Background



This preview shows how black text looks on a background with the Hex color 3D518F.



This preview shows how white text looks on a background with the Hex color 3D518F.

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
3D518F

Protanopia
395290

Deuteranopia
2A558E



Tritanopia
2B5B62

Trichromacy



Original Color
3D518F

Protanomaly
3A5290

Deuteranomaly
31548E

Tritanomaly
325772

Monochromacy



Original Color
3D518F

Achromatopsia
525252

Achromatomaly
4A5268

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D518F 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 #3D518F looks like.

```
.text, #text, p{  
    color:#3D518F  
}
```

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 #3D518F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D518F
}
```

Border

The CSS property to change the border of an element to Hex 3D518F 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
#3D518F }
```

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

```
.border{ border-color:#3D518F }
```

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

Here you see how a box with a 4 pixel #3D518F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D518F; -webkit-box-shadow:4px 4px  
4px 4px #3D518F; box-shadow:4px 4px 4px  
4px #3D518F }
```

Background

The CSS property to change the background color of an element to Hex 3D518F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D518F }
```

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

```
.background{ background-color:#3D518F }
```

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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