

Converting Colors

Hex(3D4582)

Have a look what the booklet for
Hex(3D4582) contains.

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Color

Hex(3D4582)

Conversions

Conversions Part 1

Format	Color
Hex	3D4582
RGB	61, 69, 130
RGB Percent	24%, 27%, 51%
CMY	0.7608, 0.7294, 0.4902
CMYK	0.53, 0.47, 0.00, 0.49
HSL	233°, 36%, 37%
HSV	233°, 53%, 51%
XYZ	8.0819, 6.8600, 22.0173
YIQ	73.5620, -24.3490, 17.2750

Conversions

Conversions Part 2

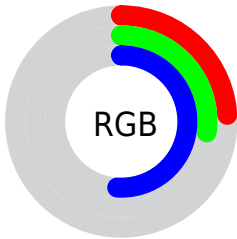
Format	Color
RYB	61, 68, 130
Decimal	4015490
CIELab	31.49, 15.19, -35.52
CIELCh	31, 38.627, 293.149
Yxy	6.8600, 0.2187, 0.1856
Android (android.graphics.Color)	4282205570 (0xFF3D4582)
YUV	73.5620, 27.8239, -11.0169
Hunter-Lab	26.1917, 9.2435, -31.5062

Details

The Hex color **3D4582** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **827A3D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7175B7**, and **001A50** is the 20% darker color. If you saturate the color by 10%, you get **303A82**, and if you desaturate by 10%, it is **4A5082**.

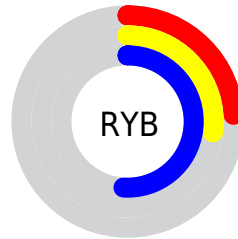
Distribution



Red (24%)

Green (27%)

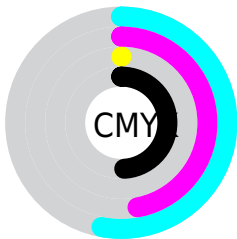
Blue (51%)



Red (24%)

Yellow (27%)

Blue (51%)

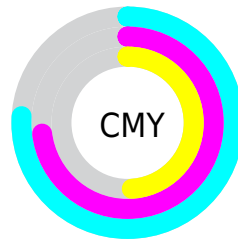


Cyan (53%)

Magenta (47%)

Yellow (0%)

Black (49%)



Cyan (76%)

Magenta (73%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D4582 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 3D4582 by changing the saturation by 10% instead.

■ 3D4582

■ 3D4582

FFFFFF

■ 222F69

■ 7175B7

■ 001A50

■ 8C8FD3

■ 000039

■ A7A9F0

■ 000222

■ C3C4FF

■ 000009

■ E0E0FF

■ 000000

■ FDFDFF

■ 3D4582

■ 3D4582

■ 303A82

■ 4A5082

■ 232E82

■ 575C82

■ 162382

■ 646782

■ 091782

■ 717382

■ 000F82

■ 7E7E82

■ 8B8A82

■ 989582

■ A5A182

■ B2AC82

Harmonies

Analogous

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



005086



3D4582



68386F

Triad

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



3D4582



753A1A



005842

Complementary

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



3D4582



827A3D

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.



1A5524



3D4582



5F4606

Square

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



3D4582



802F34



434F0B



005861

Rectangle

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



3D4582



78305C



434F0B



005737

Sweetspot

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



3D4582



8D90A8



3D827A



444654



D4D4D4



545454

Same Dimension

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



3D4582



3D49A8



573D82



393A40



000F80



000000

Inverse Universe

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



823D45



A83D49



68823D



40393A



80000F



000000

Previews

White Background



This preview shows how the Hex color 3D4582 looks on a white background.

Color Contrast Check

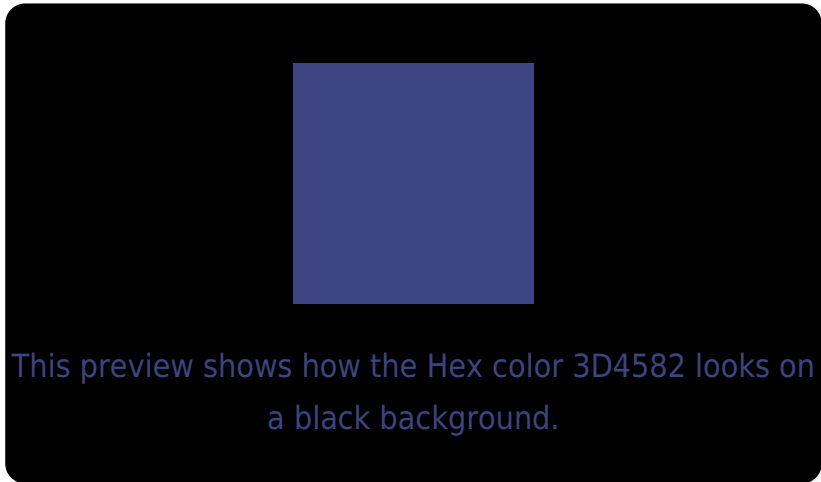
Large Text (above 18pt) WCAG AA ✓ Pass

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

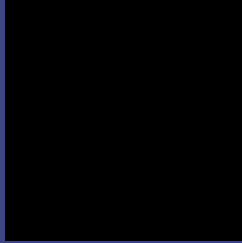
Any Text WCAG AA × Fail

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 3D4582 Background



This preview shows how black text looks on a background with the Hex color 3D4582.



This preview shows how white text looks on a background with the Hex color 3D4582.

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
3D4582

Protanopia
2D4885

Deuteranopia
1E4B81



Tritanopia
2E4F56

Trichromacy



Original Color
3D4582

Protanomaly
334784

Deuteranomaly
294981

Tritanomaly
334B66

Monochromacy



Original Color
3D4582

Achromatopsia
4A4A4A

Achromatomaly
45485E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D4582 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 #3D4582 looks like.

```
.text, #text, p{  
    color:#3D4582  
}
```

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 #3D4582 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4582
}
```

Border

The CSS property to change the border of an element to Hex 3D4582 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
#3D4582 }
```

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

```
.border{ border-color:#3D4582 }
```

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

Here you see how a box with a 4 pixel #3D4582 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4582; -webkit-box-shadow:4px 4px  
4px 4px #3D4582; box-shadow:4px 4px 4px  
4px #3D4582 }
```

Background

The CSS property to change the background color of an element to Hex 3D4582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4582 }
```

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

```
.background{ background-color:#3D4582 }
```

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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