

Converting Colors

Hex(36548B)

Have a look what the booklet for
Hex(36548B) contains.

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Color

Hex(36548B)

Conversions

Conversions Part 1

Format	Color
Hex	36548B
RGB	54, 84, 139
RGB Percent	21%, 33%, 55%
CMY	0.7882, 0.6706, 0.4549
CMYK	0.61, 0.40, 0.00, 0.45
HSL	219°, 44%, 38%
HSV	219°, 61%, 55%
XYZ	9.3518, 8.9890, 25.6683
YIQ	81.3000, -35.5350, 10.7450

Conversions

Conversions Part 2

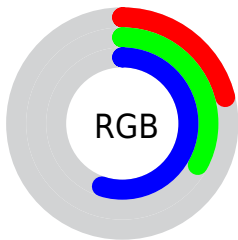
Format	Color
R_{YB}	54, 76, 139
Decimal	3560587
CIE _{Lab}	35.96, 6.85, -33.96
CIE _{LCh}	36, 34.642, 281.404
Yxy	8.9890, 0.2125, 0.2043
Android (android.graphics.Color)	4281750667 (0xFF36548B)
YUV	81.3000, 28.4461, -23.9421
Hunter-Lab	29.9817, 3.2096, -29.7729




Details

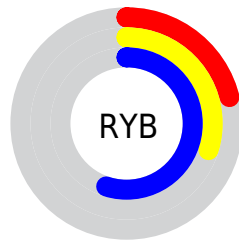
The Hex color **36548B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8B6D36**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **6C85C1**, and **002858** is the 20% darker color. If you saturate the color by 10%, you get **284B8B**, and if you desaturate by 10%, it is **445D8B**.

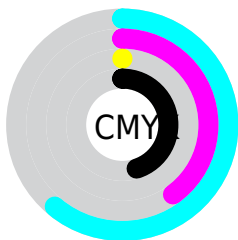
Distribution







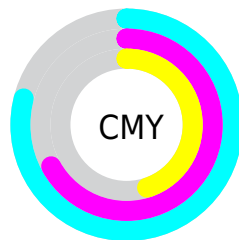
-  Red (21%)
-  Green (33%)
-  Blue (55%)






-  Red (21%)
-  Yellow (30%)
-  Blue (55%)



-  Cyan (61%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (45%)



-  Cyan (79%)
-  Magenta (67%)
-  Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36548B 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 36548B by changing the saturation by 10% instead.

■ 36548B

■ 36548B

FFFFFF

■ 173D71

■ 6C85C1

■ 002858

■ 879FDD

■ 001441

■ A3BAFA

■ 00032A

■ BFD6FF

■ 000114

■ DCF2FF

■ 000000

■ F9FFFF

■ 36548B

■ 36548B

■ 284B8B

■ 445D8B

■ 1A428B

■ 52668B

■ 0C398B

■ 606F8B

■ 00318B

■ 6E788B

■ 7B818B

■ 898A8B

■ 97938B

■ A59C8B

■ B3A58B

Harmonies

Analogous

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



005C89



36548B



64497E

Triad

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



36548B



834231



036142

Complementary

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



36548B



8B6D36

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.



3C5D29



36548B



724D1F

Square

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



36548B



883C4B



5A561B



00625F

Rectangle

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



36548B



784270



5A561B



206039

Sweetspot

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



36548B



94A0B5



368B6C



484F5C



DBDBDB



5C5C5C

Same Dimension

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



36548B



3160B5



41368B



3E4045



002F85



000205

Inverse Universe

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



8B3654



B53160



808B36



453E40



85002F



050002

Previews

White Background



This preview shows how the Hex color 36548B looks on a white background.

Color Contrast Check

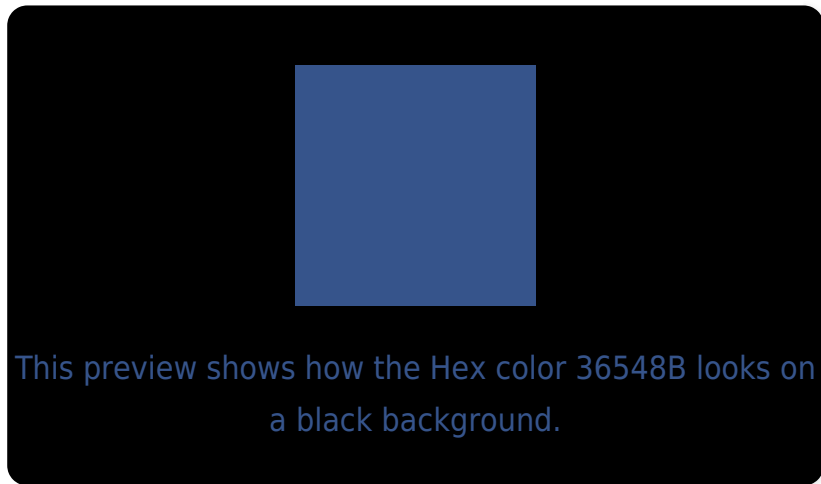
Large Text (above 18pt) WCAG AA ✓ Pass

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

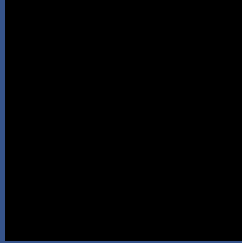
Any Text WCAG AA × Fail

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 36548B Background



This preview shows how black text looks on a background with the Hex color 36548B.



This preview shows how white text looks on a background with the Hex color 36548B.

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


36548B

Protanopia

3E538A

Deuteranopia

32558B



Tritanopia
235C64

Trichromacy



Original Color
36548B

Protanomaly
3B538A

Deuteranomaly
33558B

Tritanomaly
2A5972

Monochromacy



Original Color
36548B

Achromatopsia
515151

Achromatomaly
475266

CSS Examples

Text

The CSS property to change the color of the text to Hex 36548B 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 #36548B looks like.

```
.text, #text, p{  
    color:#36548B  
}
```

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 #36548B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36548B
}
```

Border

The CSS property to change the border of an element to Hex 36548B is called "border". The border property can be set on classes, ids or directly on the HTML element.

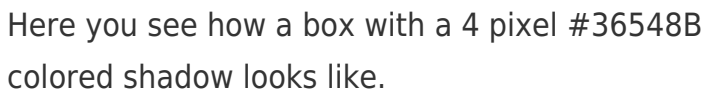
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#36548B }
```

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

```
.border{ border-color:#36548B }
```

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



Here you see how a box with a 4 pixel #36548B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36548B; -webkit-box-shadow:4px 4px  
4px 4px #36548B; box-shadow:4px 4px 4px  
4px #36548B }
```

Background

The CSS property to change the background color of an element to Hex 36548B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36548B }
```

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

```
.background{ background-color:#36548B }
```

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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