

Converting Colors

Hex(33548E)

Have a look what the booklet for
Hex(33548E) contains.

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Color

Hex(33548E)

Conversions

Conversions Part 1

Format	Color
Hex	33548E
RGB	51, 84, 142
RGB Percent	20%, 33%, 56%
CMY	0.8000, 0.6706, 0.4431
CMYK	0.64, 0.41, 0.00, 0.44
HSL	218°, 47%, 38%
HSV	218°, 64%, 56%
XYZ	9.4180, 8.9974, 26.8315
YIQ	80.7450, -38.2860, 11.0420

Conversions

Conversions Part 2

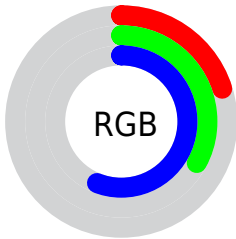
Format	Color
RYB	51, 75, 142
Decimal	3363982
CIELab	35.98, 7.32, -35.77
CIElCh	36, 36.511, 281.570
Yxy	8.9974, 0.2081, 0.1989
Android (android.graphics.Color)	4281554062 (0xFF33548E)
YUV	80.7450, 30.1987, -26.0864
Hunter-Lab	29.9957, 3.5528, -32.0384

Details

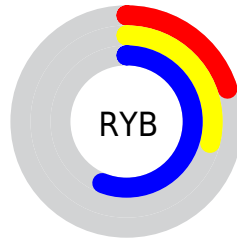
The Hex color **33548E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8E6D33**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6A85C4**, and **00285B** is the 20% darker color. If you saturate the color by 10%, you get **254B8E**, and if you desaturate by 10%, it is **415D8E**.

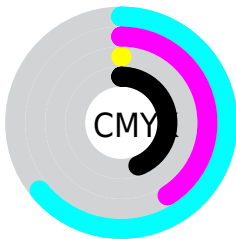
Distribution



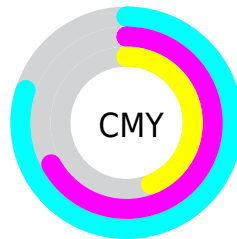
- Red (20%)
- Green (33%)
- Blue (56%)



- Red (20%)
- Yellow (29%)
- Blue (56%)



- Cyan (64%)
- Magenta (41%)
- Yellow (0%)
- Black (44%)



- Cyan (80%)
- Magenta (67%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33548E 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 33548E by changing the saturation by 10% instead.

■ 33548E

■ 33548E

FFFFFF

■ 113D74

■ 6A85C4

■ 00285B

■ 869FE0

■ 001443

■ A1BAFD

■ 00032D

■ BDD6FF

■ 000117

■ DAF2FF

■ 000000

■ F8FFFF

■ 33548E

■ 33548E

■ 254B8E

■ 415D8E

■ 17428E

■ 4F668E

■ 08398E

■ 5E6F8E

■ 00338E

■ 6C788E

■ 7A818E

■ 888A8E

■ 96938E

■ A59C8E

■ B3A58E

Harmonies

Analogous

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



005D8C



33548E



654881

Triad

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



33548E



85412F



006241

Complementary

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



33548E



8E6D33

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.



3A5E26



33548E



734D1B

Square

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



33548E



8A3A4A



5A5717



00635F

Rectangle

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



33548E



794071



5A5717



1A6137

Sweetspot

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



33548E



95A1B8



338E6D



474E5C



DBDBDB



5C5C5C

Same Dimension

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



33548E



2A5DB8



3F338E



404347



003187



000308

Inverse Universe

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



8E3354



B82A5D



828E33



474043



870031



080003

Previews

White Background



This preview shows how the Hex color 33548E looks on a white background.

Color Contrast Check

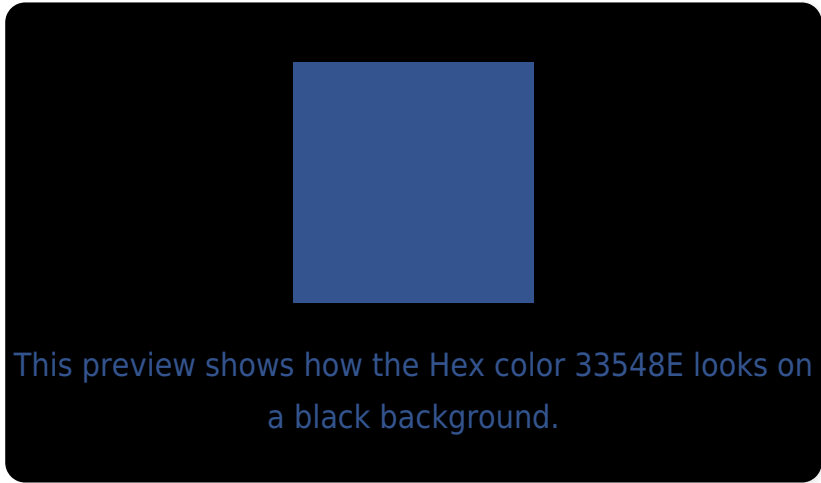
Large Text (above 18pt) WCAG AA ✓ Pass

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 33548E Background



This preview shows how black text looks on a background with the Hex color 33548E.



This preview shows how white text looks on a background with the Hex color 33548E.

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
33548E

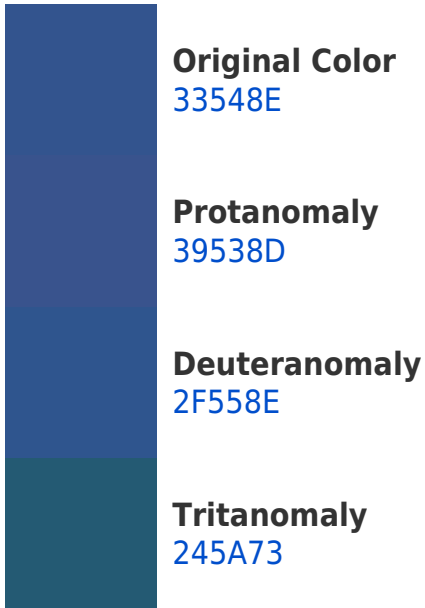
Protanopia
3C528D

Deuteranopia
2D558E

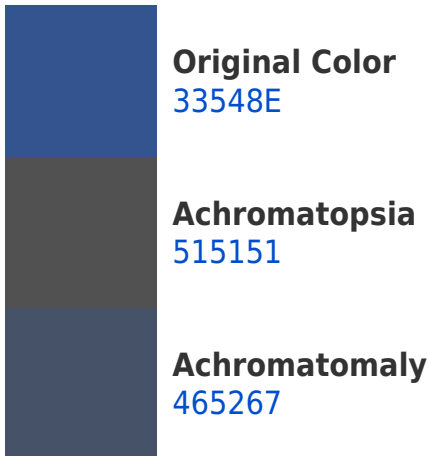


Tritanopia
1C5D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33548E 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 #33548E looks like.

```
.text, #text, p{  
    color:#33548E  
}
```

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 #33548E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33548E
}
```

Border

The CSS property to change the border of an element to Hex 33548E is called "border". The border property can be set on classes, ids or directly on the HTML element.

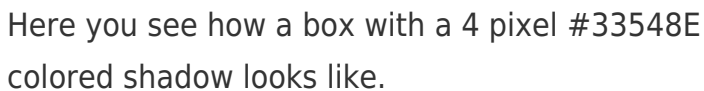
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33548E }
```

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

```
.border{ border-color:#33548E }
```

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



Here you see how a box with a 4 pixel #33548E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33548E; -webkit-box-shadow:4px 4px  
4px 4px #33548E; box-shadow:4px 4px 4px  
4px #33548E }
```

Background

The CSS property to change the background color of an element to Hex 33548E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33548E }
```

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

```
.background{ background-color:#33548E }
```

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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