

Converting Colors

Hex(46355B)

Have a look what the booklet for
Hex(46355B) contains.

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Color

Hex(46355B)

Conversions

Conversions Part 1

Format	Color
Hex	46355B
RGB	70, 53, 91
RGB Percent	27%, 21%, 36%
CMY	0.7255, 0.7922, 0.6431
CMYK	0.23, 0.42, 0.00, 0.64
HSL	267°, 26%, 28%
HSV	267°, 42%, 36%
XYZ	5.6872, 4.6036, 10.4864
YIQ	62.4150, -2.0660, 15.4220

Conversions

Conversions Part 2

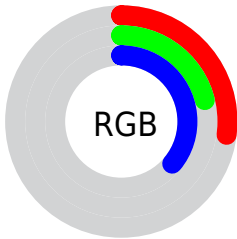
Format	Color
R_{YB}	70, 53, 91
Decimal	4601179
CIE _{Lab}	25.57, 16.37, -20.00
CIE _{LCh}	26, 25.839, 309.299
Yxy	4.6036, 0.2737, 0.2216
Android (android.graphics.Color)	4282791259 (0xFF46355B)
YUV	62.4150, 14.0924, 6.6520
Hunter-Lab	21.4561, 9.7657, -13.9580

Details

The Hex color **46355B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4A5B35**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **77648D**, and **1A0A2D** is the 20% darker color. If you saturate the color by 10%, you get **412C5B**, and if you desaturate by 10%, it is **4B3E5B**.

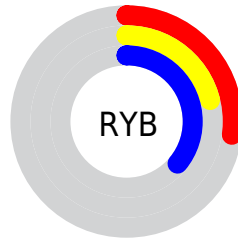
Distribution



Red (27%)

Green (21%)

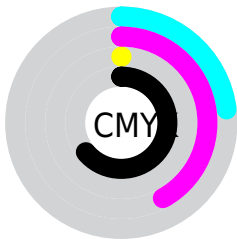
Blue (36%)



Red (27%)

Yellow (21%)

Blue (36%)

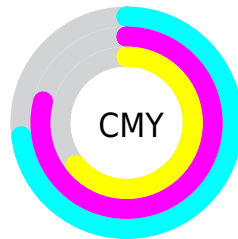


Cyan (23%)

Magenta (42%)

Yellow (0%)

Black (64%)



Cyan (73%)

Magenta (79%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46355B 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 46355B by changing the saturation by 10% instead.

■ 46355B

■ 46355B

FFFFFF

■ 2F1F43

■ 77648D

■ 1A0A2D

■ 917DA8

■ 000118

■ AC97C3

■ 000000

■ C7B2DF

■ E4CDFC

■ FFE9FF

■ 46355B

■ 46355B

■ 412C5B

■ 4B3E5B

■ 3C235B

■ 50475B

■ 371A5B

■ 55505B

■ 32115B

■ 5A595B

■ 2D085B

■ 5F635B

■ 29005B

■ 646C5B

■ 69755B

■ 6E7E5B

■ 73875B

Harmonies

Analogous

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



253D63



46355B



592E4B

Triad

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



46355B



533718



004642

Complementary

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



46355B



4A5B35

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.



0E452E



46355B



423D14

Square

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



46355B



5E3025



2D431D



004655

Rectangle

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



46355B



602C3E



2D431D



00463B

Sweetspot

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



46355B



6D6675



354B5B



35313B



BABABA



3B3B3B

Same Dimension

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



46355B



553B75



58355B



2B292E



31006E



6A00ED

Inverse Universe

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



5B354A



753B5B



385B35



2E292C



6E003D



ED0083

Previews

White Background



This preview shows how the Hex color 46355B looks on a white background.

Color Contrast Check

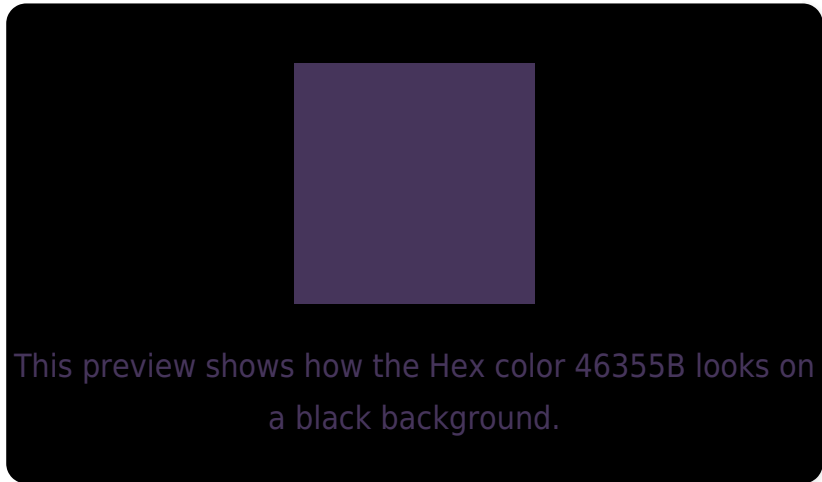
Large Text (above 18pt) WCAG AA ✓ Pass

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

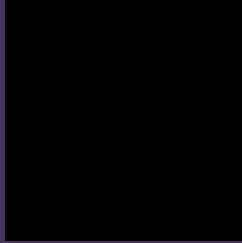
Any Text WCAG AA × Fail

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 46355B Background



This preview shows how black text looks on a background with the Hex color 46355B.



This preview shows how white text looks on a background with the Hex color 46355B.

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
46355B

Protanopia
2F3C61

Deuteranopia
313C59



Tritanopia
413B40

Trichromacy



Original Color
46355B

Protanomaly
37395F

Deuteranomaly
39395A

Tritanomaly
43394A

Monochromacy



Original Color
46355B

Achromatopsia
3E3E3E

Achromatomaly
413B49

CSS Examples

Text

The CSS property to change the color of the text to Hex 46355B 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 #46355B looks like.

```
.text, #text, p{  
    color:#46355B  
}
```

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 #46355B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46355B
}
```

Border

The CSS property to change the border of an element to Hex 46355B is called "border". The border property can be set on classes, ids or directly on the HTML element.

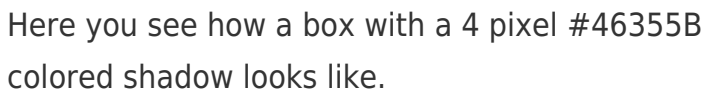
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#46355B }
```

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

```
.border{ border-color:#46355B }
```

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



Here you see how a box with a 4 pixel #46355B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46355B; -webkit-box-shadow:4px 4px  
4px 4px #46355B; box-shadow:4px 4px 4px  
4px #46355B }
```

Background

The CSS property to change the background color of an element to Hex 46355B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46355B }
```

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

```
.background{ background-color:#46355B }
```

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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