

Converting Colors

Hex(3A4053)

Have a look what the booklet for
Hex(3A4053) contains.

Hex(3A4053)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3A4053)

Conversions

Conversions Part 1

Format	Color
Hex	3A4053
RGB	58, 64, 83
RGB Percent	23%, 25%, 33%
CMY	0.7725, 0.7490, 0.6745
CMYK	0.30, 0.23, 0.00, 0.67
HSL	226°, 18%, 28%
HSV	226°, 30%, 33%
XYZ	5.1397, 5.1909, 8.9147
YIQ	64.3720, -9.6750, 4.6370

Conversions

Conversions Part 2

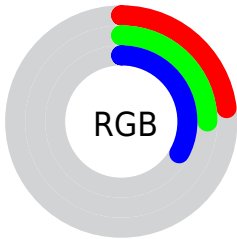
Format	Color
R_{YB}	58, 63, 83
Decimal	3817555
CIE _{Lab}	27.27, 2.56, -12.24
CIE _{LCh}	27, 12.503, 281.811
Yxy	5.1909, 0.2671, 0.2697
Android (android.graphics.Color)	4282007635 (0xFF3A4053)
YUV	64.3720, 9.1836, -5.5882
Hunter-Lab	22.7835, 0.3962, -7.2504

Details

The Hex color **3A4053** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **534D3A**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **6A7085**, and **0F1626** is the 20% darker color. If you saturate the color by 10%, you get **323A53**, and if you desaturate by 10%, it is **424653**.

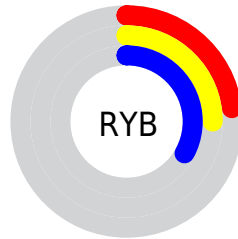
Distribution



Red (23%)

Green (25%)

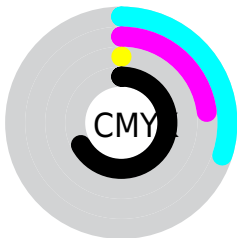
Blue (33%)



Red (23%)

Yellow (25%)

Blue (33%)

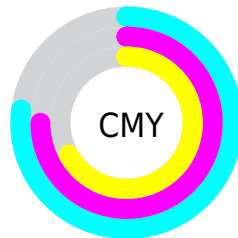


Cyan (30%)

Magenta (23%)

Yellow (0%)

Black (67%)



Cyan (77%)

Magenta (75%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A4053 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 3A4053 by changing the saturation by 10% instead.

■ 3A4053

■ 3A4053

FFFFFF

■ 242A3C

■ 6A7085

■ 0F1626

■ 83899F

■ 000111

■ 9DA3BA

■ 000000

■ B8BED5

■ D4DAF2

■ F0F7FF

■ 3A4053

■ 3A4053

■ 323A53

■ 424653

■ 293353

■ 4B4D53

■ 212D53

■ 535353

■ 192753

■ 5B5953

■ 112053

■ 636053

■ 081A53

■ 6C6653

■ 001453

■ 746C53

■ 7C7253

■ 857953

Harmonies

Analogous

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



2D4352



3A4053



473D4F

Triad

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



3A4053



533B34



2E453A

Complementary

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



3A4053



534D3A

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.



394432



3A4053



4D3E2E

Square

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



3A4053



543A3D



44412E



264644

Rectangle

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



3A4053



4D3B4A



44412E



324537

Sweetspot

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



3A4053



61646B



3A534D



303136



B5B5B5



363636

Same Dimension

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



3A4053



454E6B



403A53



252629



001969



0038E8

Inverse Universe

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



533A40



6B454E



4D533A



292526



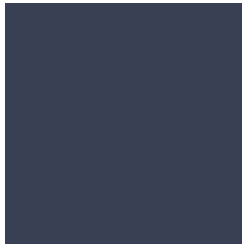
690019



E80038

Previews

White Background



This preview shows how the Hex color 3A4053 looks on a white background.

Color Contrast Check

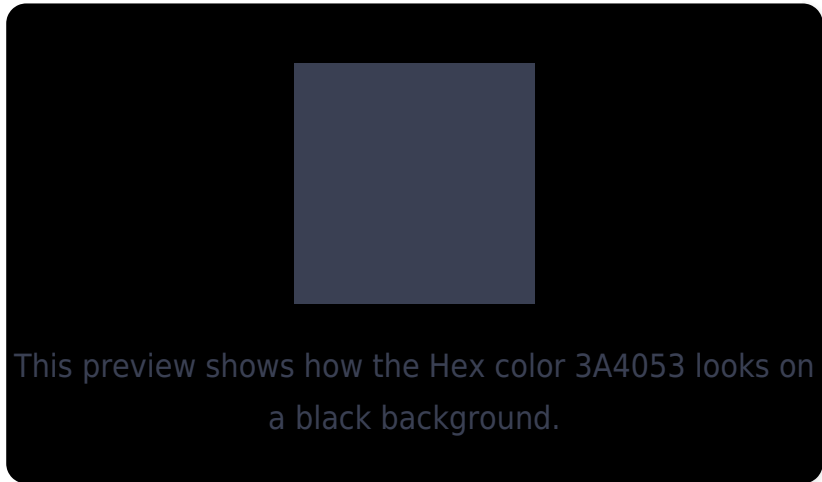
Large Text (above 18pt) WCAG AA ✓ Pass

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

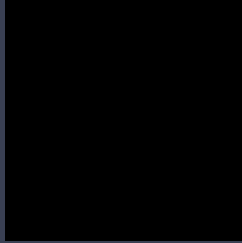
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

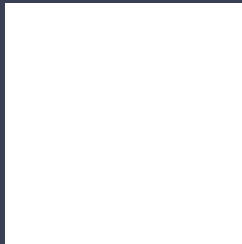
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3A4053 Background



This preview shows how black text looks on a background with the Hex color 3A4053.

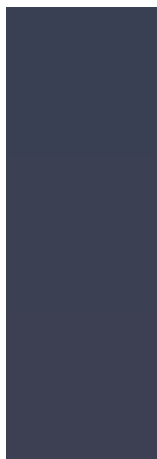


This preview shows how white text looks on a background with the Hex color 3A4053.

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

3A4053

Protanopia

3B4053

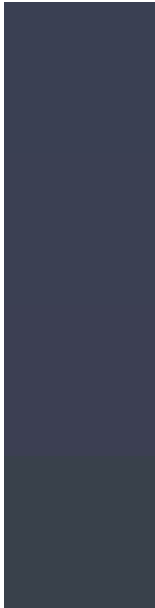
Deuteranopia

3D3F53



Tritanopia
384247

Trichromacy



Original Color
3A4053

Protanomaly
3B4053

Deuteranomaly
3C3F53

Tritanomaly
39414B

Monochromacy



Original Color
3A4053

Achromatopsia
404040

Achromatomaly
3E4047

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A4053 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 #3A4053 looks like.

```
.text, #text, p{  
    color:#3A4053  
}
```

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 #3A4053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A4053
}
```

Border

The CSS property to change the border of an element to Hex 3A4053 is called "border". The border property can be set on classes, ids or directly on the HTML element.

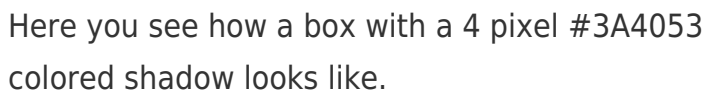
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A4053 }
```

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

```
.border{ border-color:#3A4053 }
```

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



Here you see how a box with a 4 pixel #3A4053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A4053; -webkit-box-shadow:4px 4px  
4px 4px #3A4053; box-shadow:4px 4px 4px  
4px #3A4053 }
```

Background

The CSS property to change the background color of an element to Hex 3A4053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A4053 }
```

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

```
.background{ background-color:#3A4053 }
```

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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