

Converting Colors

Hex(30463A)

Have a look what the booklet for
Hex(30463A) contains.

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Color

Hex(30463A)

Conversions

Conversions Part 1

Format	Color
Hex	30463A
RGB	48, 70, 58
RGB Percent	19%, 27%, 23%
CMY	0.8118, 0.7255, 0.7725
CMYK	0.31, 0.00, 0.17, 0.73
HSL	147°, 19%, 23%
HSV	147°, 31%, 27%
XYZ	4.1728, 5.3142, 4.8088
YIQ	62.0540, -9.2600, -8.3960

Conversions

Conversions Part 2

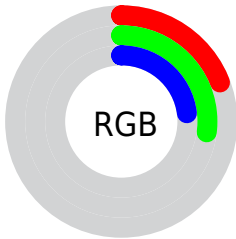
Format	Color
R_{YB}	48, 63, 70
Decimal	3163706
CIE Lab	27.61, -11.59, 4.50
CIE LCh	28, 12.436, 158.798
Yxy	5.3142, 0.2919, 0.3717
Android (android.graphics.Color)	4281353786 (0xFF30463A)
YUV	62.0540, -1.9986, -12.3254
Hunter-Lab	23.0525, -8.0311, 3.7688

Details

The Hex color **30463A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **46303C**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **5F7669**, and **031B0F** is the 20% darker color. If you saturate the color by 10%, you get **294636**, and if you desaturate by 10%, it is **37463E**.

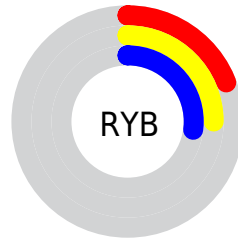
Distribution



Red (19%)

Green (27%)

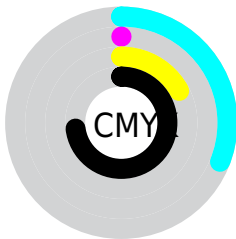
Blue (23%)



Red (19%)

Yellow (25%)

Blue (27%)

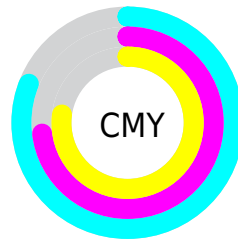


Cyan (31%)

Magenta (0%)

Yellow (17%)

Black (73%)



Cyan (81%)

Magenta (73%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30463A 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 30463A by changing the saturation by 10% instead.

■ 30463A

■ 30463A

FFFFFF

■ 1A3024

■ 5F7669

■ 031B0F

■ 789082

■ 000000

■ 91AB9C

■ ACC6B7

■ C8E2D3

■ E4FFE4

■ 30463A

■ 30463A

■ 294636

■ 37463E

■ 224632

■ 3E4642

■ 1B462F

■ 454645

■ 14462B

■ 4C4649

■ 0D4627

■ 53464D

■ 064623

■ 5A4651

■ 004620

■ 614655

■ 684659

■ 6F465C

Harmonies

Analogous

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



3B4432



30463A



284744

Triad

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



30463A



394154



543C36

Complementary

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



30463A



46303C

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.



543A3F



30463A



463E50

Square

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



30463A



2D4453



503B48



4E3E30

Rectangle

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



30463A



25464A



503B48



543B38

Sweetspot

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



30463A



545C57



3C4630



292E2B



ADADAD



2E2E2E

Same Dimension

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



30463A



395C49



304645



202422



00632D



00E367

Inverse Universe

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



46303C



5C394C



463031



242022



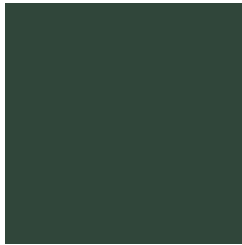
630036



E3007C

Previews

White Background



This preview shows how the Hex color 30463A looks on a white background.

Color Contrast Check

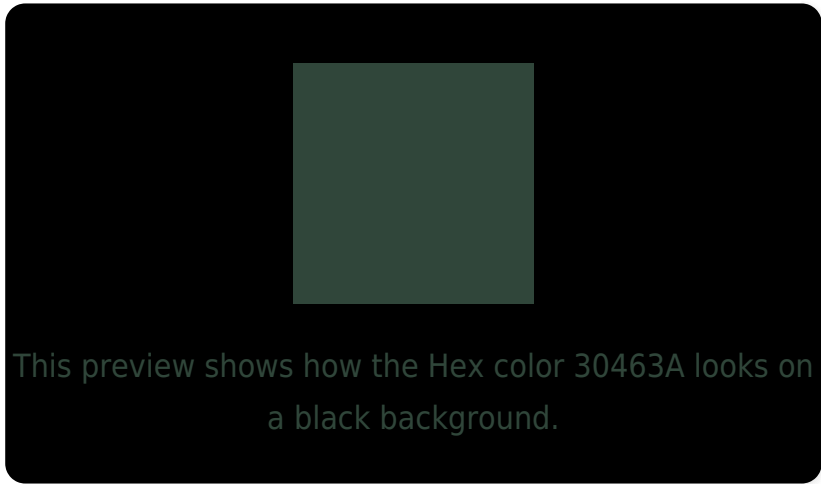
Large Text (above 18pt) WCAG AA ✓ Pass

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

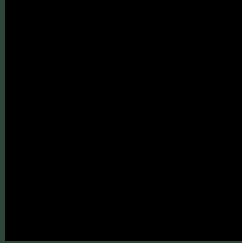
Any Text WCAG AA × Fail

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 30463A Background



This preview shows how black text looks on a background with the Hex color 30463A.



This preview shows how white text looks on a background with the Hex color 30463A.

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](#).

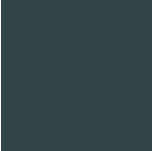
Dichromacy



Original Color
30463A

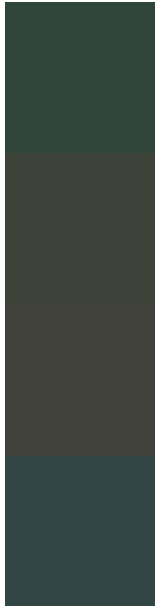
Protanopia
444137

Deuteranopia
493F3C



Tritanopia
334449

Trichromacy



Original Color
30463A

Protanomaly
3D4338

Deuteranomaly
40423B

Tritanomaly
324544

Monochromacy



Original Color
30463A

Achromatopsia
3E3E3E

Achromatomaly
39413D

CSS Examples

Text

The CSS property to change the color of the text to Hex 30463A 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 #30463A looks like.

```
.text, #text, p{  
    color:#30463A  
}
```

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 #30463A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30463A
}
```

Border

The CSS property to change the border of an element to Hex 30463A 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
#30463A }
```

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

```
.border{ border-color:#30463A }
```

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

Here you see how a box with a 4 pixel #30463A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30463A; -webkit-box-shadow:4px 4px  
4px 4px #30463A; box-shadow:4px 4px 4px  
4px #30463A }
```

Background

The CSS property to change the background color of an element to Hex 30463A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30463A }
```

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

```
.background{ background-color:#30463A }
```

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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