

Converting Colors

Hex(30454C)

Have a look what the booklet for
Hex(30454C) contains.

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Color

Hex(30454C)

Conversions

Conversions Part 1

Format	Color
Hex	30454C
RGB	48, 69, 76
RGB Percent	19%, 27%, 30%
CMY	0.8118, 0.7294, 0.7020
CMYK	0.37, 0.09, 0.00, 0.70
HSL	195°, 23%, 24%
HSV	195°, 37%, 30%
XYZ	4.6516, 5.4064, 7.6359
YIQ	63.5190, -14.7630, -2.2750

Conversions

Conversions Part 2

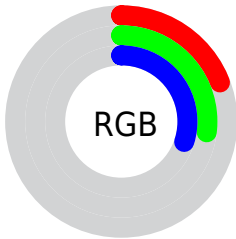
Format	Color
RYB	48, 60, 76
Decimal	3163468
CIELab	27.86, -6.17, -6.85
CIElCh	28, 9.222, 227.980
Yxy	5.4064, 0.2629, 0.3056
Android (android.graphics.Color)	4281353548 (0xFF30454C)
YUV	63.5190, 6.1531, -13.6102
Hunter-Lab	23.2517, -4.9812, -3.1946

Details

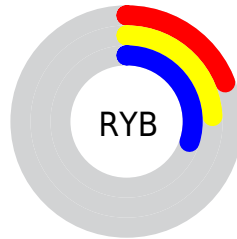
The Hex color **30454C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4C3730**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5F757D**, and **031A20** is the 20% darker color. If you saturate the color by 10%, you get **28434C**, and if you desaturate by 10%, it is **38474C**.

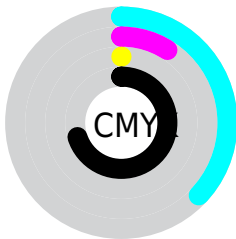
Distribution



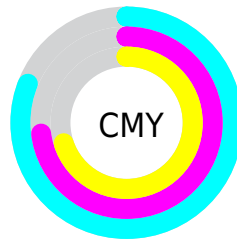
- Red (19%)
- Green (27%)
- Blue (30%)



- Red (19%)
- Yellow (24%)
- Blue (30%)



- Cyan (37%)
- Magenta (9%)
- Yellow (0%)
- Black (70%)



- Cyan (81%)
- Magenta (73%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30454C 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 30454C by changing the saturation by 10% instead.

■ 30454C

■ 30454C

FFFFFF

■ 1A2F35

■ 5F757D

■ 031A20

■ 788F97

■ 000008

■ 92A9B1

■ 000000

■ ADC4CD

■ C9E0E9

■ E5FDFF

■ 30454C

■ 30454C

■ 28434C

■ 38474C

■ 21414C

■ 3F494C

■ 193F4C

■ 474B4C

■ 123D4C

■ 4E4D4C

■ 0A3C4C

■ 564F4C

■ 023A4C

■ 5E504C

■ 00394C

■ 65524C

■ 6D544C

■ 74564C

Harmonies

Analogous

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



2F4646



30454C



36434F

Triad

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



30454C



4E3D45



434334

Complementary

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



30454C



4C3730

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.



4A4034



30454C



513D3E

Square

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



30454C



483F4B



4F3E38



3B4538

Rectangle

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



30454C



3C4250



4F3E38



454234

Sweetspot

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



30454C



596163



304C37



2C3133



B3B3B3



333333

Same Dimension

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



30454C



385963



30374C



222526



004D66



00ACE6

Inverse Universe

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



4C3045



633859



4C4530



262225



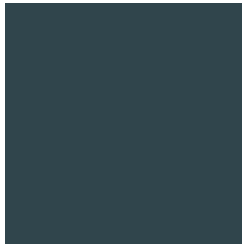
66004D



E600AC

Previews

White Background



This preview shows how the Hex color 30454C 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

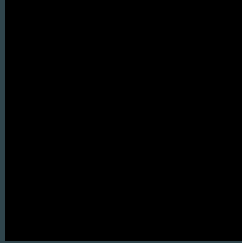
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

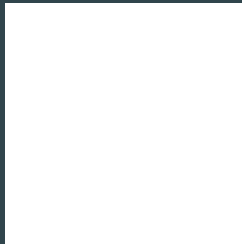
Any Text WCAG AAA × Fail

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

Hex 30454C Background



This preview shows how black text looks on a background with the Hex color 30454C.



This preview shows how white text looks on a background with the Hex color 30454C.

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
30454C

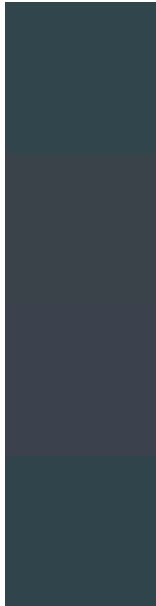
Protanopia
404149

Deuteranopia
42404D



Tritanopia
30454B

Trichromacy



Original Color
30454C

Protanomaly
3A424A

Deuteranomaly
3B424D

Tritanomaly
30454B

Monochromacy



Original Color
30454C

Achromatopsia
404040

Achromatomaly
3A4244

CSS Examples

Text

The CSS property to change the color of the text to Hex 30454C 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 #30454C looks like.

```
.text, #text, p{  
    color:#30454C  
}
```

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 #30454C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30454C
}
```

Border

The CSS property to change the border of an element to Hex 30454C is called "border". The border property can be set on classes, ids or directly on the HTML element.

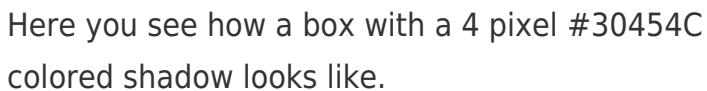
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30454C }
```

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

```
.border{ border-color:#30454C }
```

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



Here you see how a box with a 4 pixel #30454C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30454C; -webkit-box-shadow:4px 4px  
4px 4px #30454C; box-shadow:4px 4px 4px  
4px #30454C }
```

Background

The CSS property to change the background color of an element to Hex 30454C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30454C }
```

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

```
.background{ background-color:#30454C }
```

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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