

Converting Colors

Hex(404F63)

Have a look what the booklet for
Hex(404F63) contains.

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Color

Hex(404F63)

Conversions

Conversions Part 1

Format	Color
Hex	404F63
RGB	64, 79, 99
RGB Percent	25%, 31%, 39%
CMY	0.7490, 0.6902, 0.6118
CMYK	0.35, 0.20, 0.00, 0.61
HSL	214°, 21%, 32%
HSV	214°, 35%, 39%
XYZ	7.1625, 7.5828, 12.8905
YIQ	76.7950, -15.3600, 3.0400

Conversions

Conversions Part 2

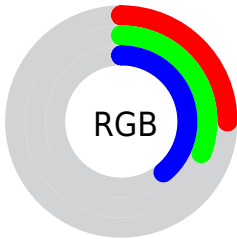
Format	Color
RYB	64, 75, 99
Decimal	4214627
CIELab	33.10, -0.44, -13.55
CIElCh	33, 13.560, 268.144
Yxy	7.5828, 0.2592, 0.2744
Android (android.graphics.Color)	4282404707 (0xFF404F63)
YUV	76.7950, 10.9471, -11.2212
Hunter-Lab	27.5369, -1.7609, -8.4789

Details

The Hex color **404F63** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **635440**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **718096**, and **132334** is the 20% darker color. If you saturate the color by 10%, you get **364963**, and if you desaturate by 10%, it is **4A5563**.

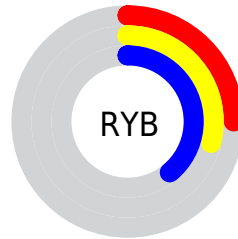
Distribution



Red (25%)

Green (31%)

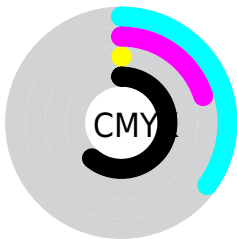
Blue (39%)



Red (25%)

Yellow (29%)

Blue (39%)

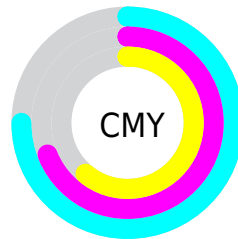


Cyan (35%)

Magenta (20%)

Yellow (0%)

Black (61%)



Cyan (75%)

Magenta (69%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 404F63 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 404F63 by changing the saturation by 10% instead.



404F63



404F63

FFFFFF



29384B



718096



132334



8B9AB0



000D1F



A5B5CC



000004



C1D0E8



000000



DDEDFF



F9FFFF



404F63



404F63



364963



4A5563

■ 2C4463

■ 545A63

■ 223E63

■ 5E6063

■ 183863

■ 686663

■ 0E3363

■ 726B63

■ 052D63

■ 7B7163

■ 002A63

■ 857763

■ 8F7C63

■ 998263

Harmonies

Analogous

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



345260



404F63



4F4B61

Triad

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



404F63



644744



3F5342

Complementary

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



404F63



635440

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.



4B503B



404F63



5F493C

Square

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



404F63



62464F



564D39



34544D

Rectangle

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



404F63



57495C



564D39



43523F

Sweetspot

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



404F63



717780



406354



373B40



BFBFBF



404040

Same Dimension

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



404F63



4A6180



424063



2C2E30



003070



0067F0

Inverse Universe

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



63404F



804A61



616340



302C2E



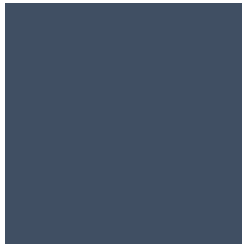
700030



F00067

Previews

White Background



This preview shows how the Hex color 404F63 looks on a white background.

Color Contrast Check

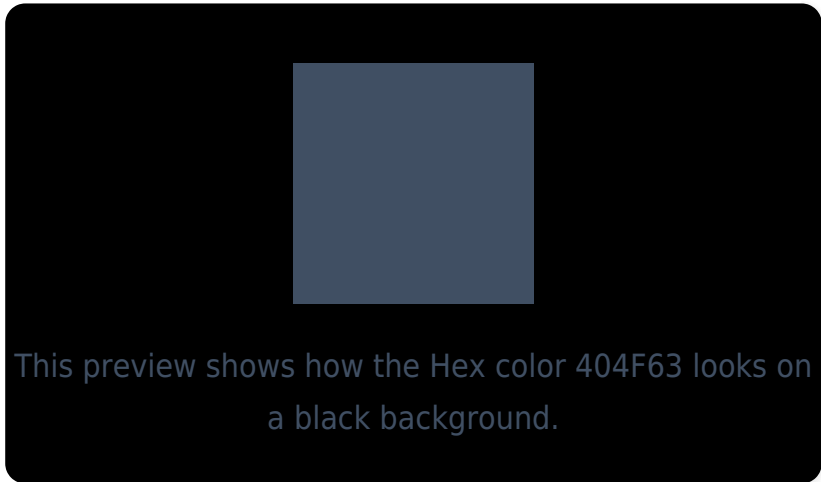
Large Text (above 18pt) WCAG AA ✓ Pass

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

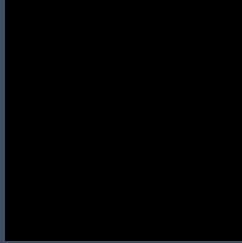
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

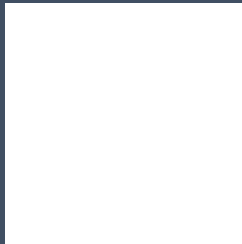
Any Text WCAG AAA × Fail

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

Hex 404F63 Background



This preview shows how black text looks on a background with the Hex color 404F63.

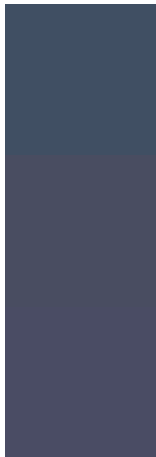


This preview shows how white text looks on a background with the Hex color 404F63.

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

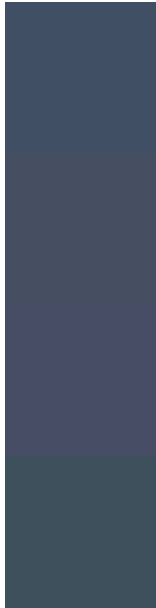


Original Color
404F63

Protanopia
494D61

Deuteranopia
4A4C64

Trichromacy



Original Color
404F63

Protanomaly
464E62

Deuteranomaly
464D64

Tritanomaly
3E505C

Monochromacy



Original Color
404F63

Achromatopsia
4D4D4D

Achromatomaly
484E55

CSS Examples

Text

The CSS property to change the color of the text to Hex 404F63 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 #404F63 looks like.

```
.text, #text, p{  
    color:#404F63  
}
```

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 #404F63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404F63
}
```

Border

The CSS property to change the border of an element to Hex 404F63 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
#404F63 }
```

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

```
.border{ border-color:#404F63 }
```

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

Here you see how a box with a 4 pixel #404F63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404F63; -webkit-box-shadow:4px 4px  
4px 4px #404F63; box-shadow:4px 4px 4px  
4px #404F63 }
```

Background

The CSS property to change the background color of an element to Hex 404F63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404F63 }
```

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

```
.background{ background-color:#404F63 }
```

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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