

Converting Colors

Hex(405C62)

Have a look what the booklet for
Hex(405C62) contains.

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Color

Hex(405C62)

Conversions

Conversions Part 1

Format	Color
Hex	405C62
RGB	64, 92, 98
RGB Percent	25%, 36%, 38%
CMY	0.7490, 0.6392, 0.6157
CMYK	0.35, 0.06, 0.00, 0.62
HSL	191°, 21%, 32%
HSV	191°, 35%, 38%
XYZ	8.1461, 9.6261, 12.9840
YIQ	84.3120, -18.6140, -4.0700

Conversions

Conversions Part 2

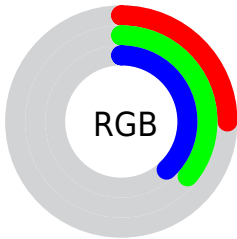
Format	Color
RYB	64, 79, 98
Decimal	4217954
CIELab	37.16, -8.70, -6.78
CIELCh	37, 11.032, 217.930
Yxy	9.6261, 0.2649, 0.3130
Android (android.graphics.Color)	4282408034 (0xFF405C62)
YUV	84.3120, 6.7482, -17.8136
Hunter-Lab	31.0260, -7.4290, -3.0939

Details

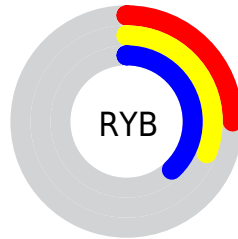
The Hex color **405C62** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **624640**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **718E95**, and **122E34** is the 20% darker color. If you saturate the color by 10%, you get **365A62**, and if you desaturate by 10%, it is **4A5E62**.

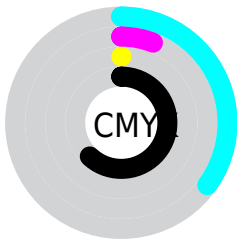
Distribution



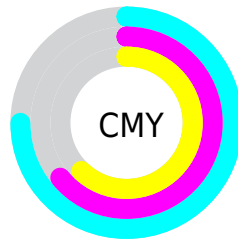
- Red (25%)
- Green (36%)
- Blue (38%)



- Red (25%)
- Yellow (31%)
- Blue (38%)



- Cyan (35%)
- Magenta (6%)
- Yellow (0%)
- Black (62%)



- Cyan (75%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 405C62 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 405C62 by changing the saturation by 10% instead.



405C62



405C62

FFFFFF



29444A



718E95



122E34



8BA9AF



001A1F



A6C4CB



000005



C1E0E7



000000



DDFDFD



FAFFFF



405C62



405C62



365A62



4A5E62

■ 2C5962

■ 545F62

■ 235762

■ 5D6162

■ 195562

■ 676362

■ 0F5362

■ 716562

■ 055262

■ 7B6662

■ 005162

■ 856862

■ 8E6A62

■ 986C62

Harmonies

Analogous

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



415D5A



405C62



465A68

Triad

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



405C62



65525E



5C5846

Complementary

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



405C62



624640

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.



645547



405C62



6A5155

Square

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



405C62



5C5465



69524D



525A49

Rectangle

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



405C62



4D5869



69524D



5F5746

Sweetspot

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



405C62



737D80



406246



383E40



BFBFBF



404040

Same Dimension

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



405C62



4A7680



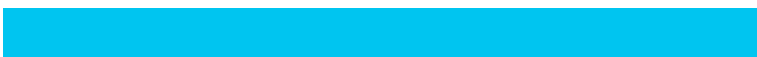
404B62



2C3030



005C70



00C5F0

Inverse Universe

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



62405C



804A76



625740



302C30



70005C



F000C5

Previews

White Background



This preview shows how the Hex color 405C62 looks on a white background.

Color Contrast Check

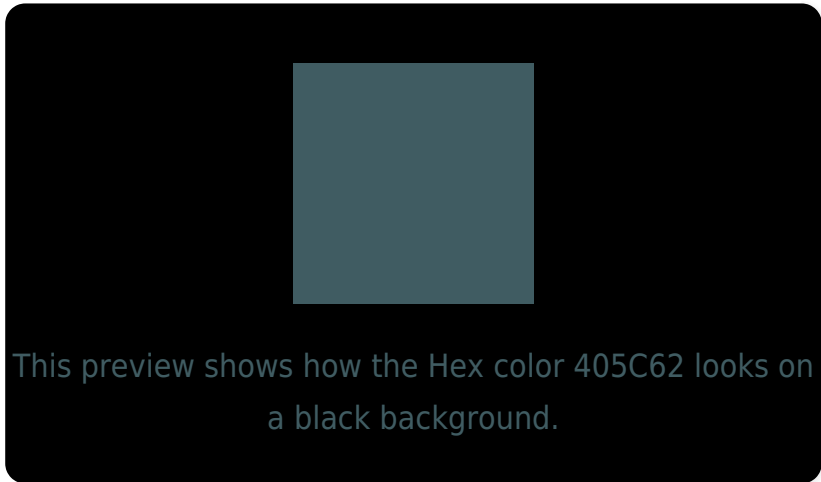
Large Text (above 18pt) WCAG AA ✓ Pass

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

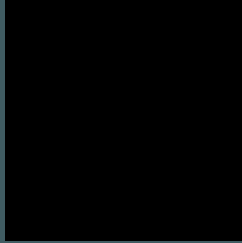
Any Text WCAG AA × Fail

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 405C62 Background



This preview shows how black text looks on a background with the Hex color 405C62.



This preview shows how white text looks on a background with the Hex color 405C62.

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
405C62

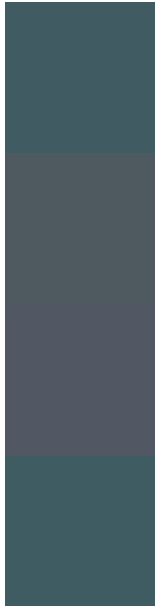
Protanopia
57575F

Deuteranopia
5A5563



Tritanopia
405C63

Trichromacy



Original Color
405C62

Protanomaly
4F5960

Deuteranomaly
515863

Tritanomaly
405C63

Monochromacy



Original Color
405C62

Achromatopsia
545454

Achromatomaly
4D5759

CSS Examples

Text

The CSS property to change the color of the text to Hex 405C62 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 #405C62 looks like.

```
.text, #text, p{  
    color:#405C62  
}
```

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 #405C62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405C62
}
```

Border

The CSS property to change the border of an element to Hex 405C62 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
#405C62 }
```

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

```
.border{ border-color:#405C62 }
```

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

Here you see how a box with a 4 pixel #405C62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405C62; -webkit-box-shadow:4px 4px  
4px 4px #405C62; box-shadow:4px 4px 4px  
4px #405C62 }
```

Background

The CSS property to change the background color of an element to Hex 405C62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405C62 }
```

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

```
.background{ background-color:#405C62 }
```

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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