

Converting Colors

Hex(505E74)

Have a look what the booklet for
Hex(505E74) contains.

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Color

Hex(505E74)

Conversions

Conversions Part 1

Format	Color
Hex	505E74
RGB	80, 94, 116
RGB Percent	31%, 37%, 45%
CMY	0.6863, 0.6314, 0.5451
CMYK	0.31, 0.19, 0.00, 0.55
HSL	217°, 18%, 38%
HSV	217°, 31%, 45%
XYZ	10.4634, 10.9718, 18.0893
YIQ	92.3220, -15.4060, 3.8740

Conversions

Conversions Part 2

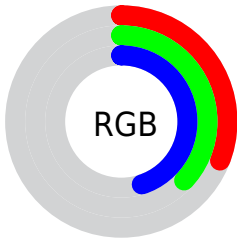
Format	Color
R_{YB}	80, 90, 116
Decimal	5267060
CIE Lab	39.53, 0.27, -14.20
CIE LCh	40, 14.203, 271.078
Yxy	10.9718, 0.2647, 0.2776
Android (android.graphics.Color)	4283457140 (0xFF505E74)
YUV	92.3220, 11.6733, -10.8064
Hunter-Lab	33.1238, -1.5808, -9.1924

Details

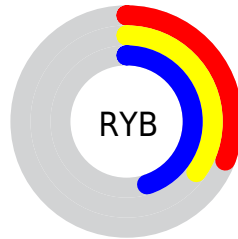
The Hex color **505E74** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **746650**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8290A8**, and **223044** is the 20% darker color. If you saturate the color by 10%, you get **445774**, and if you desaturate by 10%, it is **5C6574**.

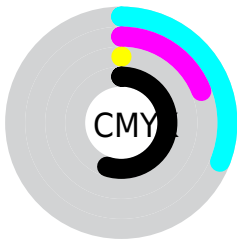
Distribution



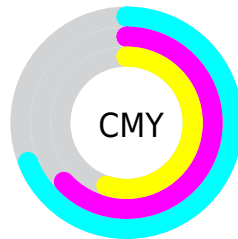
- Red (31%)
- Green (37%)
- Blue (45%)



- Red (31%)
- Yellow (35%)
- Blue (45%)



- Cyan (31%)
- Magenta (19%)
- Yellow (0%)
- Black (55%)



- Cyan (69%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505E74 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 505E74 by changing the saturation by 10% instead.

■ 505E74

■ 505E74

FFFFFF

■ 38465B

■ 8290A8

■ 223044

■ 9CABC3

■ 0B1B2E

■ B8C6DF

■ 000119

■ D3E2FC

■ 000000

■ F0FFFF

■ 505E74

■ 505E74

■ 445774

■ 5C6574

■ 395074

■ 676C74

■ 2D4974

■ 737374

■ 224274

■ 7E7A74

■ 163B74

■ 8A8174

■ 0A3374

■ 968974

■ 002D74

■ A19074

■ AD9774

■ B89E74

Harmonies

Analogous

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



426171



505E74



605A71

Triad

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



505E74



755652



4C6352

Complementary

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



505E74



746650

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.



596049



505E74



6F5949

Square

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



505E74



74555D



655C46



41645D

Rectangle

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



505E74



69586C



655C46



50624E

Sweetspot

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



505E74



898E96



507466



44474D



CCCCCC



4D4D4D

Same Dimension

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



505E74



5F7496



545074



35373B



00307A



0061FA

Inverse Universe

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



74505E



965F74



707450



3B3537



7A0030



FA0061

Previews

White Background



This preview shows how the Hex color 505E74 looks on a white background.

Color Contrast Check

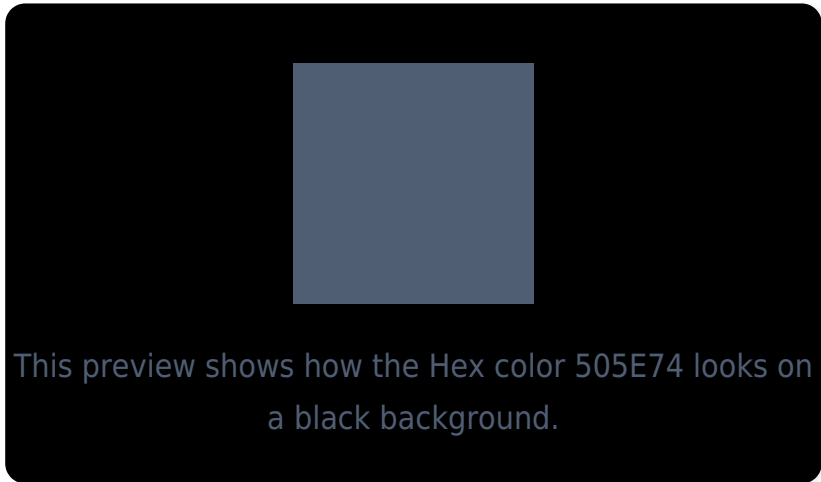
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

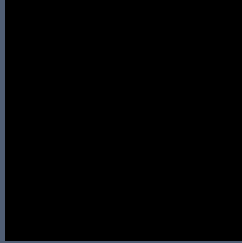
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

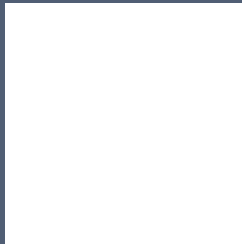
Any Text WCAG AAA × Fail

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

Hex 505E74 Background



This preview shows how black text looks on a background with the Hex color 505E74.



This preview shows how white text looks on a background with the Hex color 505E74.

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
505E74

Protanopia
585C73

Deuteranopia
5A5B75



Tritanopia
4D6068

Trichromacy



Original Color
505E74

Protanomaly
555D73

Deuteranomaly
565C75

Tritanomaly
4E5F6C

Monochromacy



Original Color
505E74

Achromatopsia
5C5C5C

Achromatomaly
585D65

CSS Examples

Text

The CSS property to change the color of the text to Hex 505E74 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 #505E74 looks like.

```
.text, #text, p{  
    color:#505E74  
}
```

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 #505E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505E74
}
```

Border

The CSS property to change the border of an element to Hex 505E74 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
#505E74 }
```

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

```
.border{ border-color:#505E74 }
```

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

Here you see how a box with a 4 pixel #505E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505E74; -webkit-box-shadow:4px 4px  
4px 4px #505E74; box-shadow:4px 4px 4px  
4px #505E74 }
```

Background

The CSS property to change the background color of an element to Hex 505E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505E74 }
```

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

```
.background{ background-color:#505E74 }
```

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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