

Converting Colors

Hex(505768)

Have a look what the booklet for
Hex(505768) contains.

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Color

Hex(505768)

Conversions

Conversions Part 1

Format	Color
Hex	505768
RGB	80, 87, 104
RGB Percent	31%, 34%, 41%
CMY	0.6863, 0.6588, 0.5922
CMYK	0.23, 0.16, 0.00, 0.59
HSL	222°, 13%, 36%
HSV	222°, 23%, 41%
XYZ	9.2152, 9.5213, 14.4488
YIQ	86.8450, -9.6290, 3.8030

Conversions

Conversions Part 2

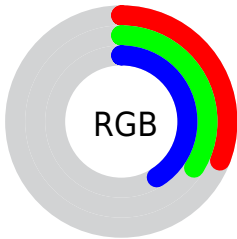
Format	Color
R_{YB}	80, 85, 104
Decimal	5265256
CIE Lab	36.97, 1.38, -10.69
CIE LCh	37, 10.775, 277.372
Yxy	9.5213, 0.2777, 0.2869
Android (android.graphics.Color)	4283455336 (0xFF505768)
YUV	86.8450, 8.4574, -6.0031
Hunter-Lab	30.8567, -0.6913, -6.1632

Details

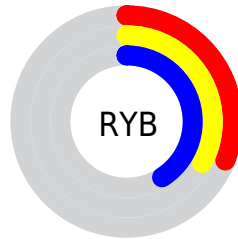
The Hex color **505768** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **686150**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **82899B**, and **232A39** is the 20% darker color. If you saturate the color by 10%, you get **465068**, and if you desaturate by 10%, it is **5A5E68**.

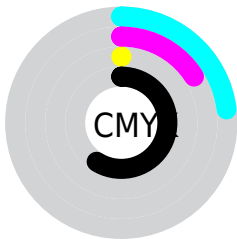
Distribution



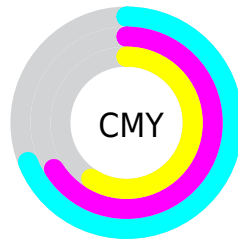
- Red (31%)
- Green (34%)
- Blue (41%)



- Red (31%)
- Yellow (33%)
- Blue (41%)



- Cyan (23%)
- Magenta (16%)
- Yellow (0%)
- Black (59%)



- Cyan (69%)
- Magenta (66%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505768 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 505768 by changing the saturation by 10% instead.

■ 505768

■ 505768

FFFFFF

■ 394050

■ 82899B

■ 232A39

■ 9CA3B6

■ 0E1623

■ B7BED2

■ 00010D

■ D2DAEE

■ 000000

■ EFF6FF

■ 505768

■ 505768

■ 465068

■ 5A5E68

■ 3B4868

■ 656668

■ 314168

■ 6F6D68

■ 263A68

■ 7A7468

■ 1C3268

■ 847C68

■ 122B68

■ 8E8368

■ 072368

■ 998B68

■ 001E68

■ A39268

■ AE9968

Harmonies

Analogous

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



465A67



505768



5B5465

Triad

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



505768



68524D



485B50

Complementary

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



505768



686150

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.



525A49



505768



645447

Square

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



505768



695155



5C5746



415C59

Rectangle

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



505768



625260



5C5746



4B5B4D

Sweetspot

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



505768



7E8087



506861



3F4145



C4C4C4



454545

Same Dimension

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



505768



616C87



555068



2E2F33



002173



0047F2

Inverse Universe

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



685057



87616C



636850



332E2F



730021



F20047

Previews

White Background



This preview shows how the Hex color 505768 looks on a white background.

Color Contrast Check

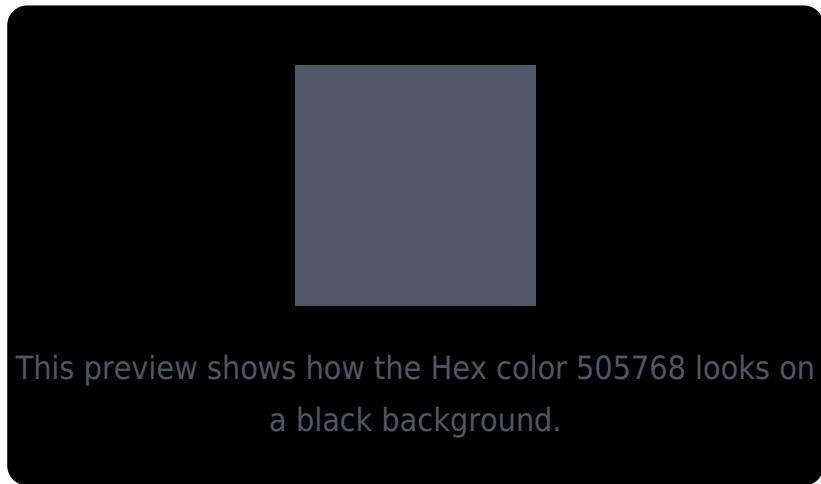
Large Text (above 18pt) WCAG AA ✓ Pass

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

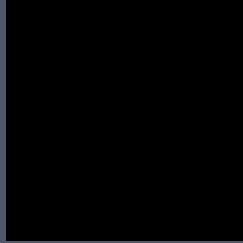
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

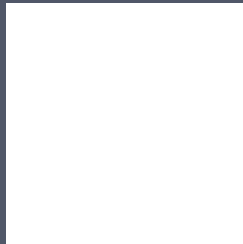
Any Text WCAG AAA × Fail

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

Hex 505768 Background



This preview shows how black text looks on a background with the Hex color 505768.

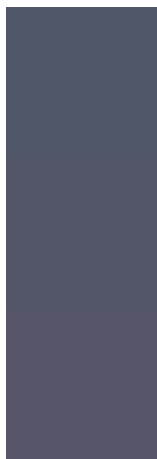


This preview shows how white text looks on a background with the Hex color 505768.

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
505768

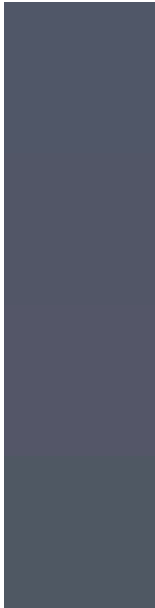
Protanopia
535667

Deuteranopia
575568



Tritanopia
4E5860

Trichromacy



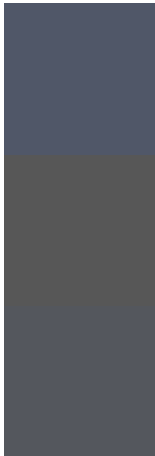
Original Color
505768

Protanomaly
525667

Deuteranomaly
545668

Tritanomaly
4F5863

Monochromacy



Original Color
505768

Achromatopsia
575757

Achromatomaly
54575D

CSS Examples

Text

The CSS property to change the color of the text to Hex 505768 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 #505768 looks like.

```
.text, #text, p{  
    color:#505768  
}
```

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 #505768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505768
}
```

Border

The CSS property to change the border of an element to Hex 505768 is called "border". The border property can be set on classes, ids or directly on the HTML element.

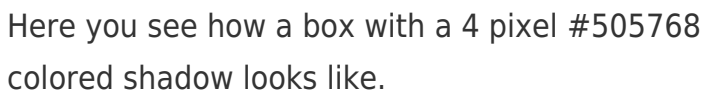
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#505768 }
```

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

```
.border{ border-color:#505768 }
```

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



Here you see how a box with a 4 pixel #505768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505768; -webkit-box-shadow:4px 4px  
4px 4px #505768; box-shadow:4px 4px 4px  
4px #505768 }
```

Background

The CSS property to change the background color of an element to Hex 505768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505768 }
```

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

```
.background{ background-color:#505768 }
```

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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