

Converting Colors

Hex(505166)

Have a look what the booklet for
Hex(505166) contains.

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Color

Hex(505166)

Conversions

Conversions Part 1

Format	Color
Hex	505166
RGB	80, 81, 102
RGB Percent	31%, 32%, 40%
CMY	0.6863, 0.6824, 0.6000
CMYK	0.22, 0.21, 0.00, 0.60
HSL	237°, 12%, 36%
HSV	237°, 22%, 40%
XYZ	8.6490, 8.5496, 13.7648
YIQ	83.0950, -7.3370, 6.3190

Conversions

Conversions Part 2

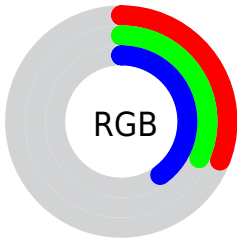
Format	Color
R_{YB}	80, 81, 102
Decimal	5263718
CIE Lab	35.10, 4.63, -12.27
CIE LCh	35, 13.112, 290.658
Yxy	8.5496, 0.2793, 0.2761
Android (android.graphics.Color)	4283453798 (0xFF505166)
YUV	83.0950, 9.3202, -2.7143
Hunter-Lab	29.2398, 1.6297, -7.4432

Details

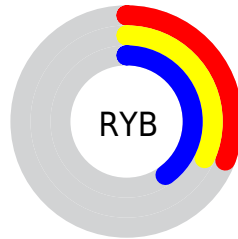
The Hex color **505166** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **666550**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **828299**, and **232537** is the 20% darker color. If you saturate the color by 10%, you get **464766**, and if you desaturate by 10%, it is **5A5B66**.

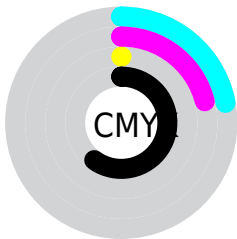
Distribution



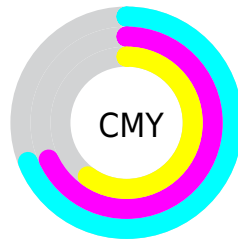
- Red (31%)
- Green (32%)
- Blue (40%)



- Red (31%)
- Yellow (32%)
- Blue (40%)



- Cyan (22%)
- Magenta (21%)
- Yellow (0%)
- Black (60%)



- Cyan (69%)
- Magenta (68%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505166 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 505166 by changing the saturation by 10% instead.

■ 505166

■ 505166

FFFFFF

■ 393A4E

■ 828299

■ 232537

■ 9C9CB4

■ 0E0F22

■ B7B7CF

■ 000009

■ D2D3EC

■ 000000

■ EFEFFF

■ 505166

■ 505166

■ 464766

■ 5A5B66

■ 3C3E66

■ 646466

■ 313466

■ 6F6E66

■ 272A66

■ 797866

■ 1D2066

■ 838266

■ 131766

■ 8D8B66

■ 090D66

■ 979566

■ 000566

■ A29F66

■ ACA966

Harmonies

Analogous

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



425467



505166



5D4E60

Triad

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



505166



654D43



3C584F

Complementary

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



505166



666550

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.



475745



505166



5E513E

Square

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



505166



684B4C



53543F



35585A

Rectangle

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



505166



634C5A



53543F



3F584B

Sweetspot

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



505166



7D7D85



506665



3E3E42



C2C2C2



424242

Same Dimension

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



505166



626485



5A5066



2E2E33



000573



000BF2

Inverse Universe

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



665051



856264



5C6650



332E2E



730005



F2000B

Previews

White Background



This preview shows how the Hex color 505166 looks on a white background.

Color Contrast Check

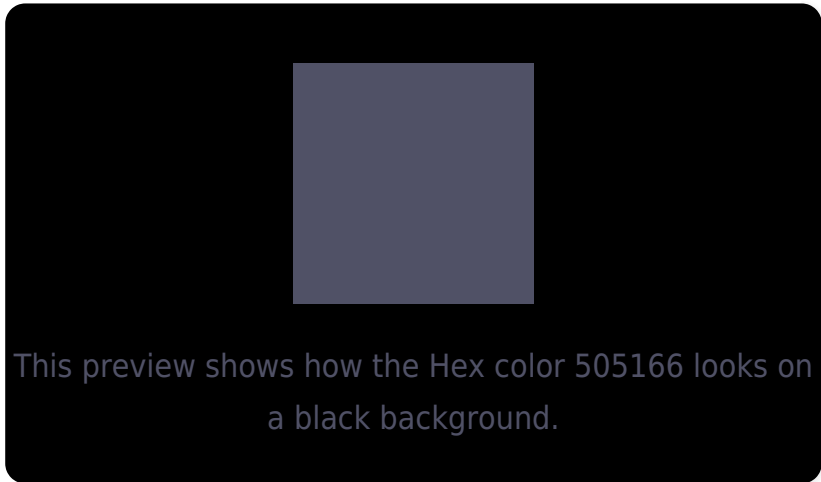
Large Text (above 18pt) WCAG AA ✓ Pass

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

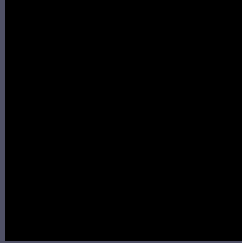
Any Text WCAG AA × Fail

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 505166 Background



This preview shows how black text looks on a background with the Hex color 505166.

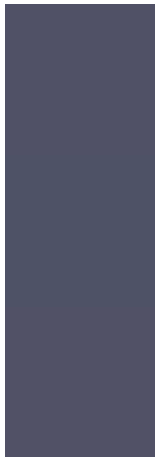


This preview shows how white text looks on a background with the Hex color 505166.

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
505166

Protanopia
4E5266

Deuteranopia
515166



Tritanopia
4E535A

Trichromacy



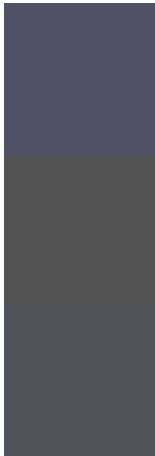
Original Color
505166

Protanomaly
4F5266

Deuteranomaly
515166

Tritanomaly
4F525E

Monochromacy



Original Color
505166

Achromatopsia
535353

Achromatomaly
52525A

CSS Examples

Text

The CSS property to change the color of the text to Hex 505166 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 #505166 looks like.

```
.text, #text, p{  
    color:#505166  
}
```

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 #505166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505166
}
```

Border

The CSS property to change the border of an element to Hex 505166 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
#505166 }
```

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

```
.border{ border-color:#505166 }
```

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

Here you see how a box with a 4 pixel #505166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505166; -webkit-box-shadow:4px 4px  
4px 4px #505166; box-shadow:4px 4px 4px  
4px #505166 }
```

Background

The CSS property to change the background color of an element to Hex 505166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505166 }
```

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

```
.background{ background-color:#505166 }
```

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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