

Converting Colors

Hex(515166)

Have a look what the booklet for
Hex(515166) contains.

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Color

Hex(515166)

Conversions

Conversions Part 1

Format	Color
Hex	515166
RGB	81, 81, 102
RGB Percent	32%, 32%, 40%
CMY	0.6824, 0.6824, 0.6000
CMYK	0.21, 0.21, 0.00, 0.60
HSL	240°, 11%, 36%
HSV	240°, 21%, 40%
XYZ	8.7340, 8.5935, 13.7687
YIQ	83.3940, -6.7410, 6.5310

Conversions

Conversions Part 2

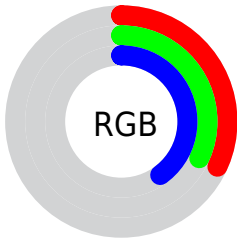
Format	Color
R_{YB}	81, 81, 102
Decimal	5329254
CIE _{Lab}	35.19, 4.98, -12.13
CIE _{LCh}	35, 13.113, 292.342
Yxy	8.5935, 0.2809, 0.2764
Android (android.graphics.Color)	4283519334 (0xFF515166)
YUV	83.3940, 9.1728, -2.0995
Hunter-Lab	29.3147, 1.8818, -7.3275

Details

The Hex color **515166** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **666651**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **838299**, and **242537** is the 20% darker color. If you saturate the color by 10%, you get **474766**, and if you desaturate by 10%, it is **5B5B66**.

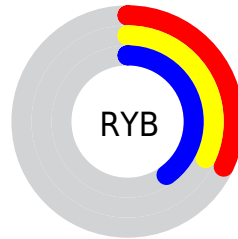
Distribution



Red (32%)

Green (32%)

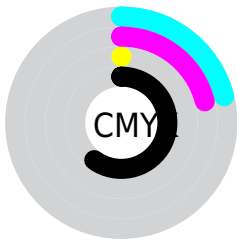
Blue (40%)



Red (32%)

Yellow (32%)

Blue (40%)

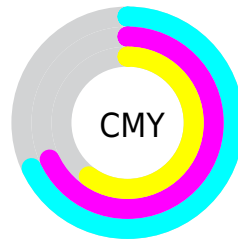


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (60%)



Cyan (68%)

Magenta (68%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 515166 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 515166 by changing the saturation by 10% instead.

■ 515166

■ 515166

FFFFFF

■ 3A3A4E

■ 838299

■ 242537

■ 9D9CB4

■ 100F22

■ B8B7CF

■ 000009

■ D3D3EC

■ 000000

■ FOEFFF

■ 515166

■ 515166

■ 474766

■ 5B5B66

■ 3D3D66

■ 656566

■ 323266

■ 707066

■ 282866

■ 7A7A66

■ 1E1E66

■ 848466

■ 141466

■ 8E8E66

■ 0A0A66

■ 989866

■ 000066

■ A3A366

■ ADAD66

Harmonies

Analogous

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



435567



515166



5E4E60

Triad

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



515166



654E43



3C5950

Complementary

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



515166



666651

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.



465746



515166



5D513E

Square

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



515166



684C4B



52553F



36595A

Rectangle

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



515166



644C59



52553F



3F584C

Sweetspot

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



515166



7D7D85



516666



3E3E42



C2C2C2



424242

Same Dimension

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



515166



636385



5C5166



2E2E33



000073



0000F2

Inverse Universe

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



665166



856385



5C6651



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 515166 looks on a white background.

Color Contrast Check

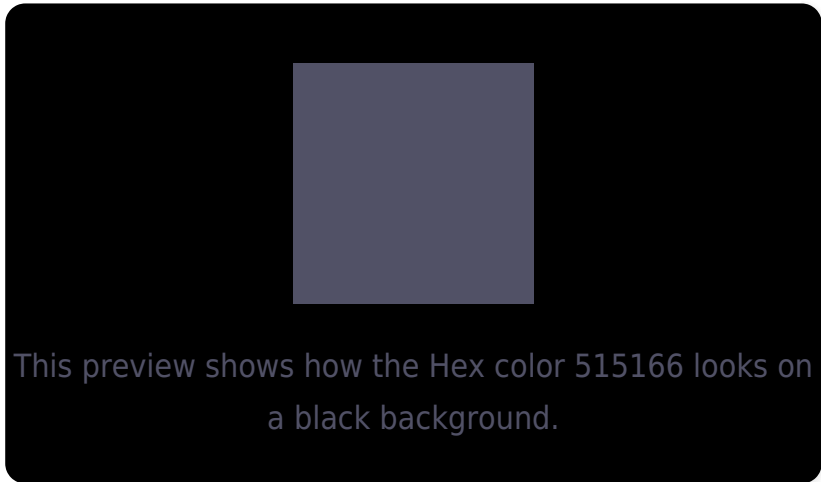
Large Text (above 18pt) WCAG AA ✓ Pass

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 515166 Background



This preview shows how black text looks on a background with the Hex color 515166.

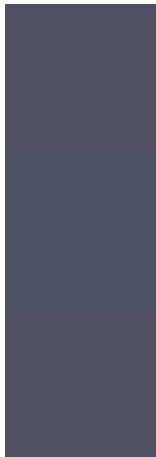


This preview shows how white text looks on a background with the Hex color 515166.

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
515166

Protanopia
4E5267

Deuteranopia
515166



Tritanopia
4F535A

Trichromacy



Original Color
515166

Protanomaly
4F5267

Deuteranomaly
515166

Tritanomaly
50525E

Monochromacy



Original Color
515166

Achromatopsia
535353

Achromatomaly
52525A

CSS Examples

Text

The CSS property to change the color of the text to Hex 515166 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 #515166 looks like.

```
.text, #text, p{  
    color:#515166  
}
```

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 #515166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515166
}
```

Border

The CSS property to change the border of an element to Hex 515166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

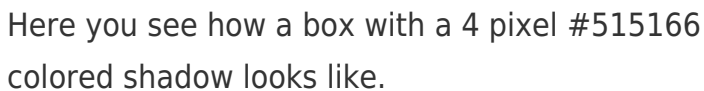
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#515166 }
```

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

```
.border{ border-color:#515166 }
```

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



Here you see how a box with a 4 pixel #515166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515166; -webkit-box-shadow:4px 4px  
4px 4px #515166; box-shadow:4px 4px 4px  
4px #515166 }
```

Background

The CSS property to change the background color of an element to Hex 515166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515166 }
```

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

```
.background{ background-color:#515166 }
```

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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