

Converting Colors

Hex(515196)

Have a look what the booklet for
Hex(515196) contains.

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Color

Hex(515196)

Conversions

Conversions Part 1

Format	Color
Hex	515196
RGB	81, 81, 150
RGB Percent	32%, 32%, 59%
CMY	0.6824, 0.6824, 0.4118
CMYK	0.46, 0.46, 0.00, 0.41
HSL	240°, 30%, 45%
HSV	240°, 46%, 59%
XYZ	11.8408, 9.8362, 30.1287
YIQ	88.8660, -22.1490, 21.4590

Conversions

Conversions Part 2

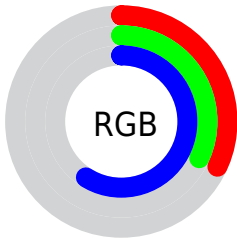
Format	Color
R_{YB}	81, 81, 150
Decimal	5329302
CIE _{Lab}	37.55, 18.91, -38.01
CIE _{LCh}	38, 42.452, 296.457
Yxy	9.8362, 0.2286, 0.1899
Android (android.graphics.Color)	4283519382 (0xFF515196)
YUV	88.8660, 30.1391, -6.8985
Hunter-Lab	31.3627, 12.5068, -35.0032

Details

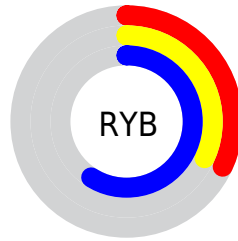
The Hex color **515196** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **969651**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8682CD**, and **1B2563** is the 20% darker color. If you saturate the color by 10%, you get **424296**, and if you desaturate by 10%, it is **606096**.

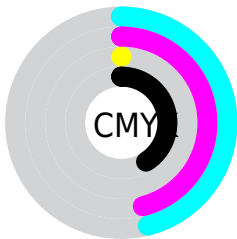
Distribution



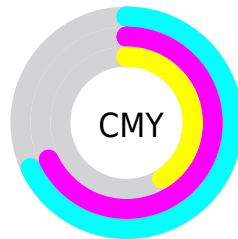
- Red (32%)
- Green (32%)
- Blue (59%)



- Red (32%)
- Yellow (32%)
- Blue (59%)



- Cyan (46%)
- Magenta (46%)
- Yellow (0%)
- Black (41%)



- Cyan (68%)
- Magenta (68%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 515196 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 515196 by changing the saturation by 10% instead.

■ 515196

■ 515196

FFFFFF

■ 373A7C

■ 8682CD

■ 1B2563

■ A19CE9

■ 00114A

■ BDB7FF

■ 000033

■ DAD3FF

■ 00021D

■ F7EFFF

■ 000000

■ 515196

■ 515196

■ 424296

■ 606096

■ 333396

■ 6F6F96

■ 242496

■ 7E7E96

■ 151596

■ 8D8D96

■ 060696

■ 9C9C96

■ 000096

■ ABAB96

■ BABA96

■ C9C996

■ D8D896

Harmonies

Analogous

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



005E9D



515196



7E427F

Triad

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



515196



87481F



006853

Complementary

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



515196



969651

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.



1A6530



515196



6D550B

Square

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



515196



953B3C



4C5F14



006876

Rectangle

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



515196



8E3A69



4C5F14



006847

Sweetspot

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



515196



A7A7C2



519696



505061



E0E0E0



616161

Same Dimension

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



515196



5757C2



745196



43434A



00008A



00000A

Inverse Universe

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



965196



C257C2



749651



4A434A



8A008A



0A000A

Previews

White Background



This preview shows how the Hex color 515196 looks on a white background.

Color Contrast Check

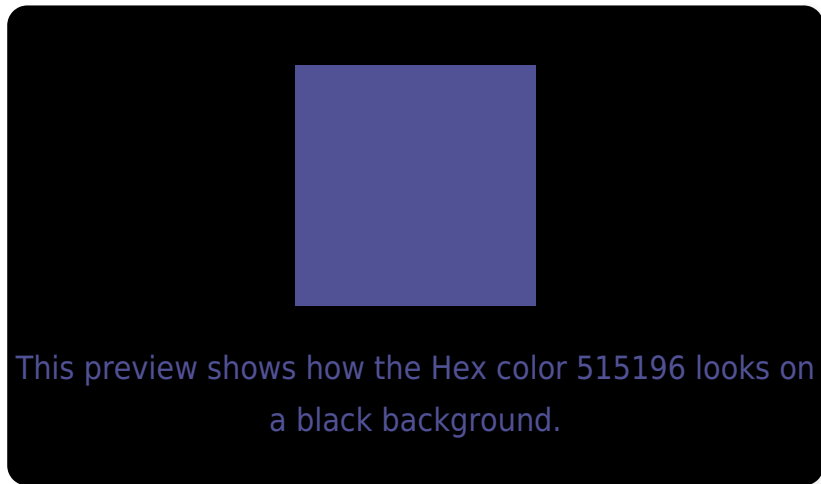
Large Text (above 18pt) WCAG AA ✓ Pass

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

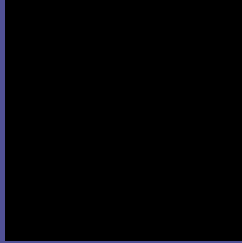
Any Text WCAG AA × Fail

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 515196 Background



This preview shows how black text looks on a background with the Hex color 515196.

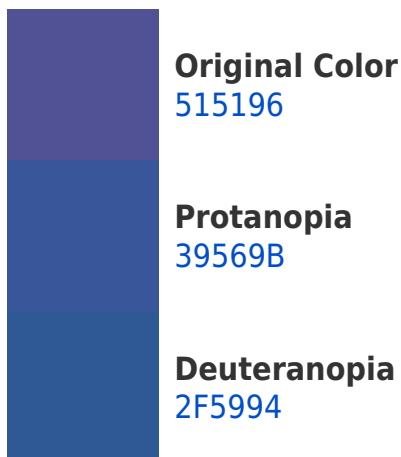



This preview shows how white text looks on a background with the Hex color 515196.

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





Tritanopia
435C64

Trichromacy



Original Color
515196

Protanomaly
425499

Deuteranomaly
3B5695

Tritanomaly
485876

Monochromacy



Original Color
515196

Achromatopsia
595959

Achromatomaly
56566F

CSS Examples

Text

The CSS property to change the color of the text to Hex 515196 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 #515196 looks like.

```
.text, #text, p{  
    color:#515196  
}
```

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 #515196 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515196
}
```

Border

The CSS property to change the border of an element to Hex 515196 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
#515196 }
```

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

```
.border{ border-color:#515196 }
```

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

Here you see how a box with a 4 pixel #515196 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515196; -webkit-box-shadow:4px 4px  
4px 4px #515196; box-shadow:4px 4px 4px  
4px #515196 }
```

Background

The CSS property to change the background color of an element to Hex 515196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515196 }
```

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

```
.background{ background-color:#515196 }
```

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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