

Converting Colors

Hex(501D64)

Have a look what the booklet for
Hex(501D64) contains.

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Color

Hex(501D64)

Conversions

Conversions Part 1

Format	Color
Hex	501D64
RGB	80, 29, 100
RGB Percent	31%, 11%, 39%
CMY	0.6863, 0.8863, 0.6078
CMYK	0.20, 0.71, 0.00, 0.61
HSL	283°, 55%, 25%
HSV	283°, 71%, 39%
XYZ	6.0479, 3.5043, 12.4142
YIQ	52.3430, 7.6050, 32.8930

Conversions

Conversions Part 2

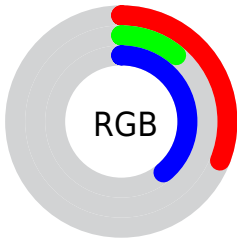
Format	Color
R_{YB}	80, 29, 100
Decimal	5250404
CIE _{Lab}	21.96, 35.99, -31.53
CIE _{LCh}	22, 47.852, 318.780
Yxy	3.5043, 0.2753, 0.1595
Android (android.graphics.Color)	4283440484 (0xFF501D64)
YUV	52.3430, 23.4949, 24.2552
Hunter-Lab	18.7198, 24.9091, -26.2150

Details

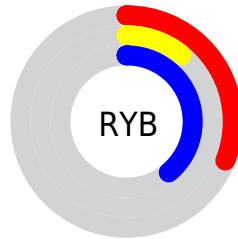
The Hex color **501D64** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **31641D**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **844D97**, and **220035** is the 20% darker color. If you saturate the color by 10%, you get **4D1364**, and if you desaturate by 10%, it is **532764**.

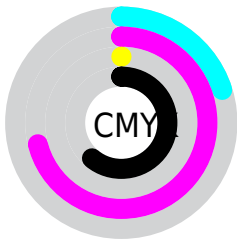
Distribution



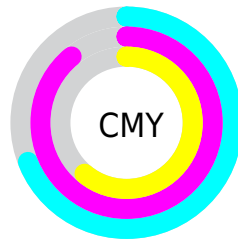
- Red (31%)
- Green (11%)
- Blue (39%)



- Red (31%)
- Yellow (11%)
- Blue (39%)



- Cyan (20%)
- Magenta (71%)
- Yellow (0%)
- Black (61%)



- Cyan (69%)
- Magenta (89%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 501D64 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 501D64 by changing the saturation by 10% instead.

 501D64

 501D64

FFFFFF

 37034C

 844D97

 220035

 9F66B2

 00011F

 BA80CE

 000001

 D69BEA

 000000

 F3B6FF

 FFD2FF

 FFEEFF

 501D64

 501D64

■ 4D1364

■ 532764

■ 4A0964

■ 563164

■ 480064

■ 583B64

■ 5B4564

■ 5E4F64

■ 615964

■ 646364

■ 676D64

■ 697764

Harmonies

Analogous

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



003179



501D64



6B0043

Triad

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



501D64



4D2E00



00434B

Complementary

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



501D64



31641D

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.



004226



501D64



2D3A00

Square

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



501D64



641B00



004000



00426A

Rectangle

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



501D64



71002C



004000



00433E

Sweetspot

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



501D64



7A6782



1D3164



3E3242



C2C2C2



424242

Same Dimension

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



501D64



631482



641D55



322E33



520073



AE00F2

Inverse Universe

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



641D31



821433



1D642C



332E2F



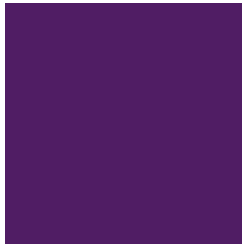
730020



F20044

Previews

White Background



This preview shows how the Hex color 501D64 looks on a white background.

Color Contrast Check

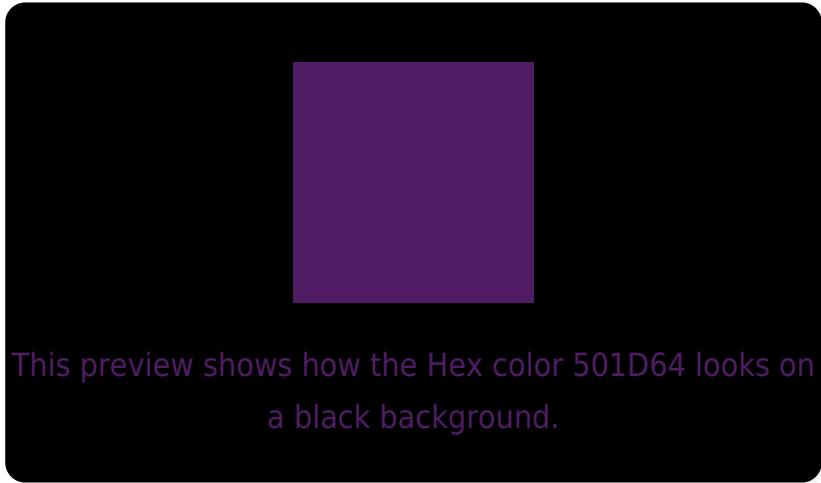
Large Text (above 18pt) WCAG AA ✓ Pass

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

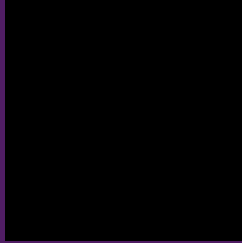
Any Text WCAG AA × Fail

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 501D64 Background



This preview shows how black text looks on a background with the Hex color 501D64.



This preview shows how white text looks on a background with the Hex color 501D64.

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
501D64

Protanopia
00346E

Deuteranopia
0F375F



Tritanopia
482E32

Trichromacy



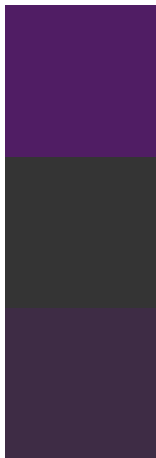
Original Color
501D64

Protanomaly
1D2C6A

Deuteranomaly
272E61

Tritanomaly
4B2844

Monochromacy



Original Color
501D64

Achromatopsia
343434

Achromatomaly
3E2C45

CSS Examples

Text

The CSS property to change the color of the text to Hex 501D64 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 #501D64 looks like.

```
.text, #text, p{  
    color:#501D64  
}
```

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 #501D64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #501D64
}
```

Border

The CSS property to change the border of an element to Hex 501D64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

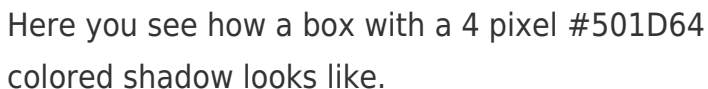
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#501D64 }
```

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

```
.border{ border-color:#501D64 }
```

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



Here you see how a box with a 4 pixel #501D64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #501D64; -webkit-box-shadow:4px 4px  
4px 4px #501D64; box-shadow:4px 4px 4px  
4px #501D64 }
```

Background

The CSS property to change the background color of an element to Hex 501D64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#501D64 }
```

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

```
.background{ background-color:#501D64 }
```

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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