

Converting Colors

Hex(501204)

Have a look what the booklet for
Hex(501204) contains.

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Color

Hex(501204)

Conversions

Conversions Part 1

Format	Color
Hex	501204
RGB	80, 18, 4
RGB Percent	31%, 7%, 2%
CMY	0.6863, 0.9294, 0.9843
CMYK	0.00, 0.78, 0.95, 0.69
HSL	11°, 90%, 16%
HSV	11°, 95%, 31%
XYZ	3.5465, 2.1469, 0.3423
YIQ	34.9420, 41.4460, 8.7900

Conversions

Conversions Part 2

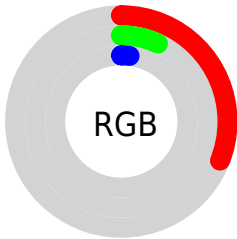
Format	Color
R_YB	80, 21, 4
Decimal	5247492
CIE Lab	16.24, 28.11, 23.10
CIE LCh	16, 36.390, 39.411
Yxy	2.1469, 0.5876, 0.3557
Android (android.graphics.Color)	4283437572 (0xFF501204)
YUV	34.9420, -15.2544, 39.5159
Hunter-Lab	14.6521, 17.5639, 8.8713

Details

The Hex color **501204** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **044250**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **864132**, and **180001** is the 20% darker color. If you saturate the color by 10%, you get **500F00**, and if you desaturate by 10%, it is **50190C**.

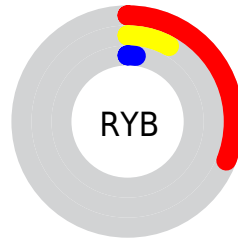
Distribution



Red (31%)

Green (7%)

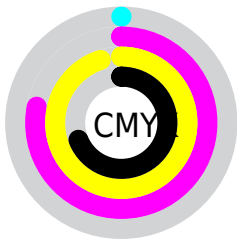
Blue (2%)



Red (31%)

Yellow (8%)

Blue (2%)

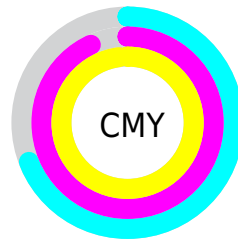


Cyan (0%)

Magenta (78%)

Yellow (95%)

Black (69%)



Cyan (69%)

Magenta (93%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 501204 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 501204 by changing the saturation by 10% instead.

 501204

 501204

 FFFCE5

 360000

 864132

 180001

 A25A48

 000000

 BF7360

 DC8D79

 FAA793

 FFC3AE

 FFD9C9

 501204

 501204

■ 500F00

■ 50190C

■ 501F14

■ 50261C

■ 502C24

■ 50332C

■ 503934

■ 50403C

■ 504644

■ 504D4C

Harmonies

Analogous

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



550521



501204



412000

Triad

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



501204



003215



00295C

Complementary

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



501204



044250

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.



003059



501204



003330

Square

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



501204



102F00



003349



321D51

Rectangle

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



501204



332700



003349



002C5D

Sweetspot

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



501204



69504A



500442



362623



B5B5B5



363636

Same Dimension

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



501204



691300



503804



292525



E82B00

Inverse Universe

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



044250



005569



041C50



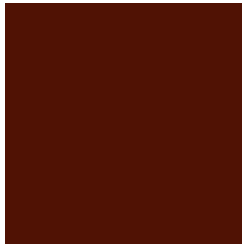
252829



00BDE8

Previews

White Background



This preview shows how the Hex color 501204 looks on a white background.

Color Contrast Check

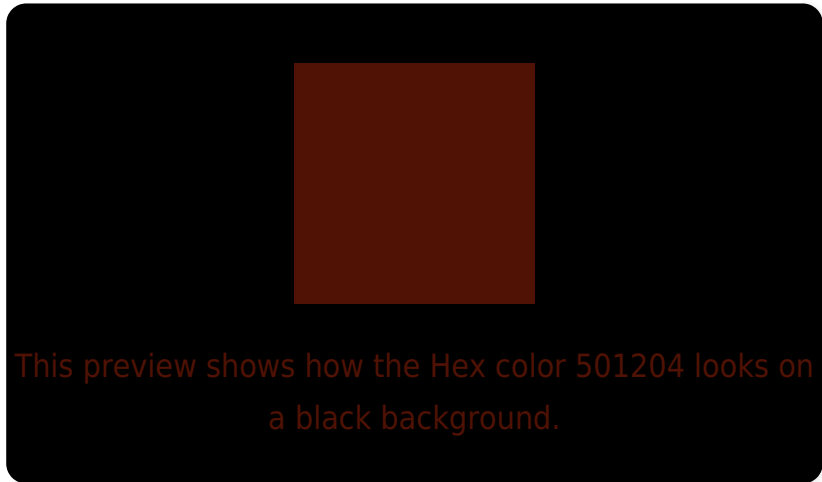
Large Text (above 18pt) WCAG AA ✓ Pass

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

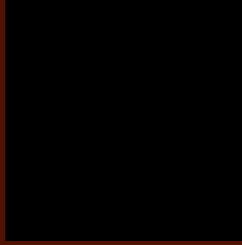
Any Text WCAG AA × Fail

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 501204 Background



This preview shows how black text looks on a background with the Hex color 501204.

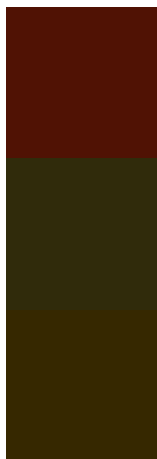


This preview shows how white text looks on a background with the Hex color 501204.

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
501204

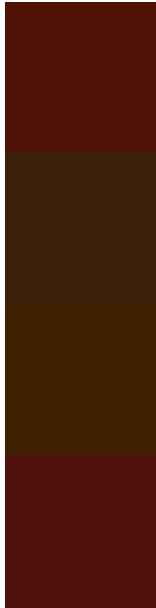
Protanopia
302B0B

Deuteranopia
362800



Tritanopia
501111

Trichromacy



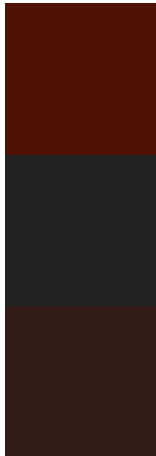
Original Color
501204

Protanomaly
3C2208

Deuteranomaly
3F2001

Tritanomaly
50110C

Monochromacy



Original Color
501204

Achromatopsia
232323

Achromatomaly
331D18

CSS Examples

Text

The CSS property to change the color of the text to Hex 501204 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 #501204 looks like.

```
.text, #text, p{  
    color:#501204  
}
```

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 #501204 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #501204
}
```

Border

The CSS property to change the border of an element to Hex 501204 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".

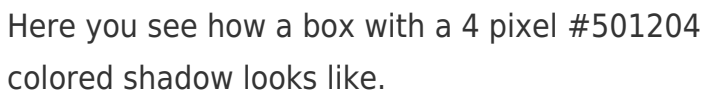
```
.border, #border, table{ border:4px solid
#501204 }
```

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

```
.border{ border-color:#501204 }
```

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

Here you see how a box with a 4 pixel #501204 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #501204; -webkit-box-shadow:4px 4px  
4px 4px #501204; box-shadow:4px 4px 4px  
4px #501204 }
```

Background

The CSS property to change the background color of an element to Hex 501204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#501204 }
```

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

```
.background{ background-color:#501204 }
```

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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