

Converting Colors

Hex(513664)

Have a look what the booklet for
Hex(513664) contains.

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Color

Hex(513664)

Conversions

Conversions Part 1

Format	Color
Hex	513664
RGB	81, 54, 100
RGB Percent	32%, 21%, 39%
CMY	0.6824, 0.7882, 0.6078
CMYK	0.19, 0.46, 0.00, 0.61
HSL	275°, 30%, 30%
HSV	275°, 46%, 39%
XYZ	7.0128, 5.3078, 12.7115
YIQ	67.3170, 1.3260, 20.0300

Conversions

Conversions Part 2

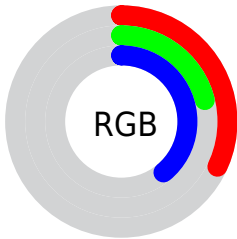
Format	Color
R_YB	81, 54, 100
Decimal	5322340
CIE _{Lab}	27.59, 21.80, -22.59
CIE _{LCh}	28, 31.394, 313.992
Yxy	5.3078, 0.2802, 0.2120
Android (android.graphics.Color)	4283512420 (0xFF513664)
YUV	67.3170, 16.1127, 12.0000
Hunter-Lab	23.0386, 14.0164, -16.5861

Details

The Hex color **513664** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **496436**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **836597**, and **220B35** is the 20% darker color. If you saturate the color by 10%, you get **4D2C64**, and if you desaturate by 10%, it is **554064**.

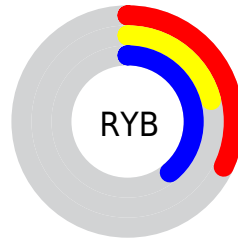
Distribution



Red (32%)

Green (21%)

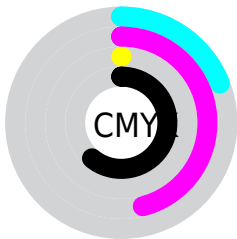
Blue (39%)



Red (32%)

Yellow (21%)

Blue (39%)

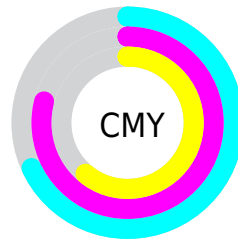


Cyan (19%)

Magenta (46%)

Yellow (0%)

Black (61%)



Cyan (68%)

Magenta (79%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 513664 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 513664 by changing the saturation by 10% instead.

■ 513664

■ 513664

FFFFFF

■ 39204C

■ 836597

■ 220B35

■ 9E7FB2

■ 080020

■ B999CE

■ 000003

■ D5B4EA

■ 000000

■ F1CFFF

■ FFECFF

■ 513664

■ 513664

■ 4D2C64

■ 554064

492264

594A64

451864

5D5464

400E64

625E64

3C0464

666864

3B0064

6A7264

6E7C64

728664

769064

Harmonies

Analogous

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



294070



513664



662D4F

Triad

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



513664



593B11



004D4C

Complementary

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



513664



496436

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.



004C33



513664



43430E

Square

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



513664



683221



28491D



004C62

Rectangle

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



513664



6D2B3F



28491D



004D44

Sweetspot

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



513664



7B7082



364964



3E3742



C2C2C2



424242

Same Dimension

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



513664



653B82



643660



312E33



430073



8E00F2

Inverse Universe

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



643649



823B58



36643A



332E30



73002F



F20064

Previews

White Background



This preview shows how the Hex color 513664 looks on a white background.

Color Contrast Check

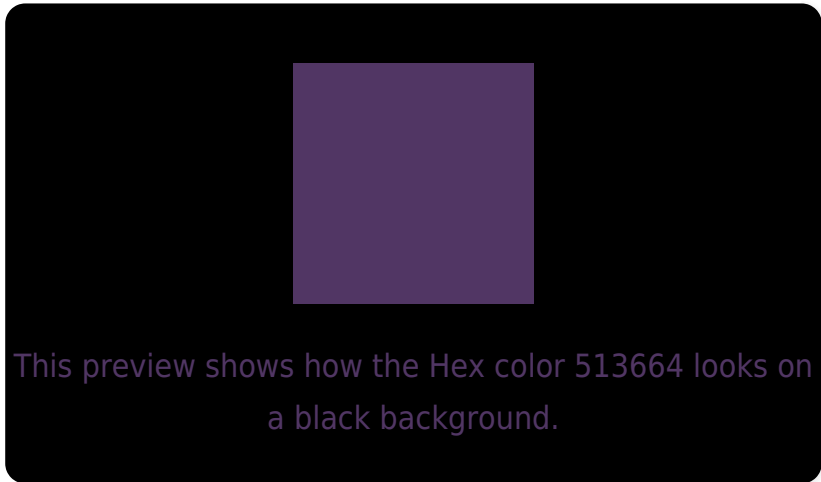
Large Text (above 18pt) WCAG AA ✓ Pass

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

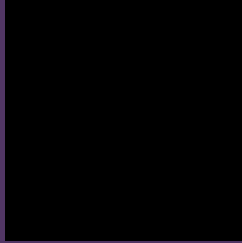
Any Text WCAG AA × Fail

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 513664 Background



This preview shows how black text looks on a background with the Hex color 513664.

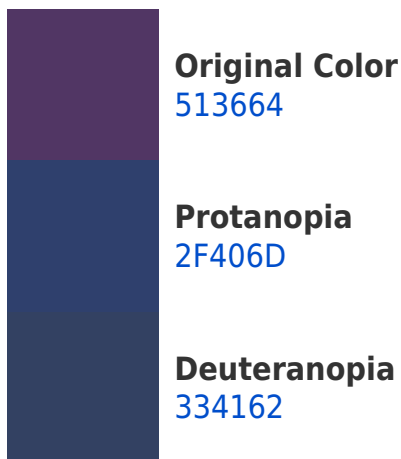


This preview shows how white text looks on a background with the Hex color 513664.

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
4C3E42

Trichromacy



Original Color
513664

Protanomaly
3B3C6A

Deuteranomaly
3E3D63

Tritanomaly
4E3B4E

Monochromacy



Original Color
513664

Achromatopsia
434343

Achromatomaly
483E4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 513664 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 #513664 looks like.

```
.text, #text, p{  
    color:#513664  
}
```

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 #513664 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #513664
}
```

Border

The CSS property to change the border of an element to Hex 513664 is called "border". The border property can be set on classes, ids or directly on the HTML element.

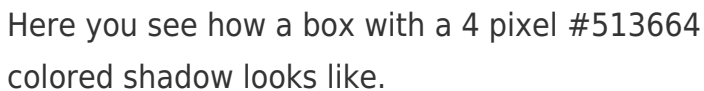
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#513664 }
```

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

```
.border{ border-color:#513664 }
```

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



Here you see how a box with a 4 pixel #513664 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #513664; -webkit-box-shadow:4px 4px  
4px 4px #513664; box-shadow:4px 4px 4px  
4px #513664 }
```

Background

The CSS property to change the background color of an element to Hex 513664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#513664 }
```

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

```
.background{ background-color:#513664 }
```

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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