

# Converting Colors

Hex(525281)

Have a look what the booklet for  
Hex(525281) contains.

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# Color

**Hex(525281)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	525281
RGB	82, 82, 129
RGB Percent	32%, 32%, 51%
CMY	0.6784, 0.6784, 0.4941
CMYK	0.36, 0.36, 0.00, 0.49
HSL	240°, 22%, 41%
HSV	240°, 36%, 51%
XYZ	10.4594, 9.4134, 22.0346
YIQ	87.3580, -15.0870, 14.6170

# Conversions

## Conversions Part 2

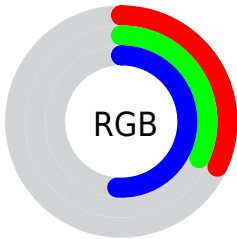
Format	Color
R <sub>Y</sub> B	82, 82, 129
Decimal	5395073
CIE Lab	36.77, 12.15, -26.44
CIE LCh	37, 29.100, 294.686
Yxy	9.4134, 0.2496, 0.2246
Android (android.graphics.Color)	4283585153 (0xFF525281)
YUV	87.3580, 20.5295, -4.6990
Hunter-Lab	30.6813, 7.1594, -21.1038

# Details

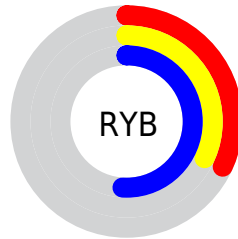
The Hex color **525281** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **818152**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8583B6**, and **21254F** is the 20% darker color. If you saturate the color by 10%, you get **454581**, and if you desaturate by 10%, it is **5F5F81**.

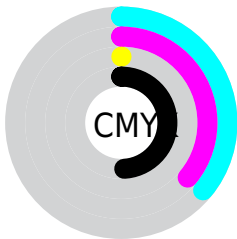
# Distribution



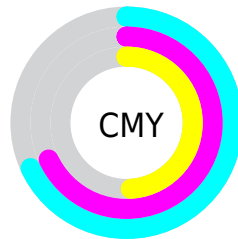
- Red (32%)
- Green (32%)
- Blue (51%)



- Red (32%)
- Yellow (32%)
- Blue (51%)



- Cyan (36%)
- Magenta (36%)
- Yellow (0%)
- Black (49%)



- Cyan (68%)
- Magenta (68%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 525281 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 525281 by changing the saturation by 10% instead.



■ 525281

■ 525281

FFFFFF

■ 3A3B68

■ 8583B6

■ 21254F

■ A09DD2

■ 081138

■ BBB8EE

■ 000222

■ D7D4FF

■ 000009

■ F4F0FF

■ 000000

■ 525281

■ 525281

■ 454581

■ 5F5F81

■ 383881

■ 6C6C81

■ 2B2B81

■ 797981

■ 1E1E81

■ 868681

■ 121281

■ 939381

■ 050581

■ 9F9F81

■ 000081

■ ACAC81

■ B9B981

■ C6C681

# Harmonies

## Analogous

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



245A85



525281



704972

# Triad

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



525281



7A4B31



046251

# Complementary

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



525281



818152

# 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.



35603B



525281



685427

# Square

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



525281



834544



515B2B



006269

# Rectangle

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



525281



7C4563



515B2B



1C6249



# Sweetspot

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



525281



9696A8



528181



494954



D4D4D4



545454



# Same Dimension

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



525281



5E5EA8



6A5281



393940



000080



000000



# Inverse Universe

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



815281



A85EA8



6A8152



403940



800080



000000



# Previews

## White Background



This preview shows how the Hex color 525281 looks on a white background.

## Color Contrast Check

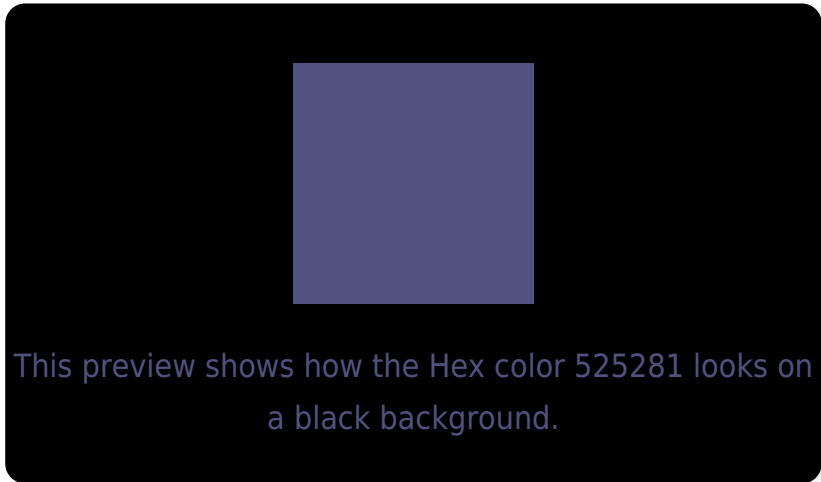
Large Text (above 18pt) WCAG AA ✓ Pass

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

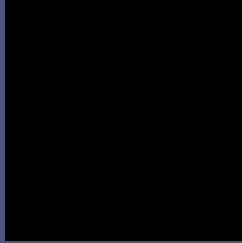
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 525281 Background



This preview shows how black text looks on a background with the Hex color 525281.

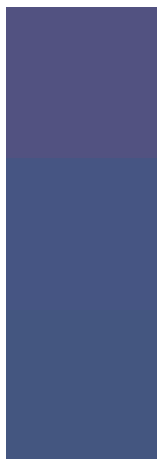


This preview shows how white text looks on a background with the Hex color 525281.

# 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](#).

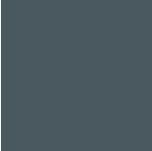
## Dichromacy



**Original Color**  
525281

**Protanopia**  
465583

**Deuteranopia**  
445680



**Tritanopia**  
4A5960

# Trichromacy



**Original Color**  
525281

**Protanomaly**  
4A5482

**Deuteranomaly**  
495580

**Tritanomaly**  
4D566C

# Monochromacy



**Original Color**  
525281

**Achromatopsia**  
575757

**Achromatomaly**  
555566

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 525281 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 #525281 looks like.

```
.text, #text, p{  
    color:#525281  
}
```

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 #525281 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #525281
}
```

## Border

The CSS property to change the border of an element to Hex 525281 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".

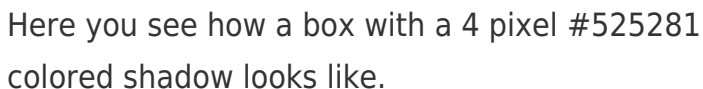
```
.border, #border, table{ border:4px solid
#525281 }
```

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

```
.border{ border-color:#525281 }
```

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

Here you see how a box with a 4 pixel #525281 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #525281; -webkit-box-shadow:4px 4px  
4px 4px #525281; box-shadow:4px 4px 4px  
4px #525281 }
```

# Background

The CSS property to change the background color of an element to Hex 525281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#525281 }
```

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

```
.background{ background-color:#525281 }
```

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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