

Converting Colors

Hex(525786)

Have a look what the booklet for
Hex(525786) contains.

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Color

Hex(525786)

Conversions

Conversions Part 1

Format	Color
Hex	525786
RGB	82, 87, 134
RGB Percent	32%, 34%, 53%
CMY	0.6784, 0.6588, 0.4745
CMYK	0.39, 0.35, 0.00, 0.47
HSL	234°, 24%, 42%
HSV	234°, 39%, 53%
XYZ	11.1909, 10.3315, 23.9586
YIQ	90.8630, -18.0670, 13.5570

Conversions

Conversions Part 2

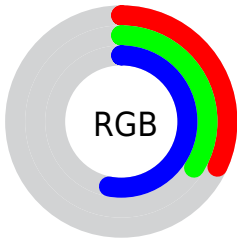
Format	Color
R_{YB}	82, 87, 134
Decimal	5396358
CIE _{Lab}	38.43, 10.45, -26.90
CIE _{LCh}	38, 28.855, 291.229
Yxy	10.3315, 0.2461, 0.2272
Android (android.graphics.Color)	4283586438 (0xFF525786)
YUV	90.8630, 21.2665, -7.7729
Hunter-Lab	32.1426, 5.8981, -21.6941

Details

The Hex color **525786** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **868152**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **8589BB**, and **212A54** is the 20% darker color. If you saturate the color by 10%, you get **454B86**, and if you desaturate by 10%, it is **5F6386**.

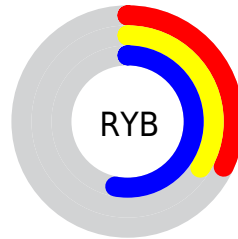
Distribution



Red (32%)

Green (34%)

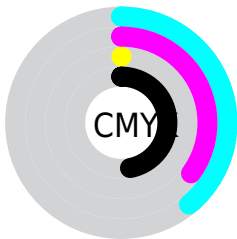
Blue (53%)



Red (32%)

Yellow (34%)

Blue (53%)

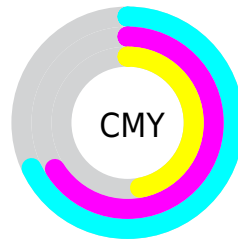


Cyan (39%)

Magenta (35%)

Yellow (0%)

Black (47%)



Cyan (68%)

Magenta (66%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 525786 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 525786 by changing the saturation by 10% instead.

■ 525786

■ 525786

FFFFFF

■ 39406D

■ 8589BB

■ 212A54

■ A0A3D7

■ 05163D

■ BCBEF4

■ 000027

■ D8DAFF

■ 000110

■ F4F6FF

■ 000000

■ 525786

■ 525786

■ 454B86

■ 5F6386

■ 373F86

■ 6D6F86

■ 2A3386

■ 7A7B86

■ 1C2786

■ 888786

■ 0F1A86

■ 959486

■ 020E86

■ A2A086

■ 000D86

■ B0AC86

■ BDB886

■ CBC486

Harmonies

Analogous

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



245F88



525786



714E78

Triad

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



525786



804E37



176653

Complementary

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



525786



868152

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.



3D633C



525786



6F572C

Square

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



525786



87484B



585E2E



00666B

Rectangle

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



525786



7E4A6A



585E2E



26664B

Sweetspot

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



525786



999BAD



528681



4B4C57



D6D6D6



575757

Same Dimension

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



525786



5C64AD



675286



3C3C42



000D82



000003

Inverse Universe

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



865257



AD5C64



718652



423C3C



82000D



030000

Previews

White Background



This preview shows how the Hex color 525786 looks on a white background.

Color Contrast Check

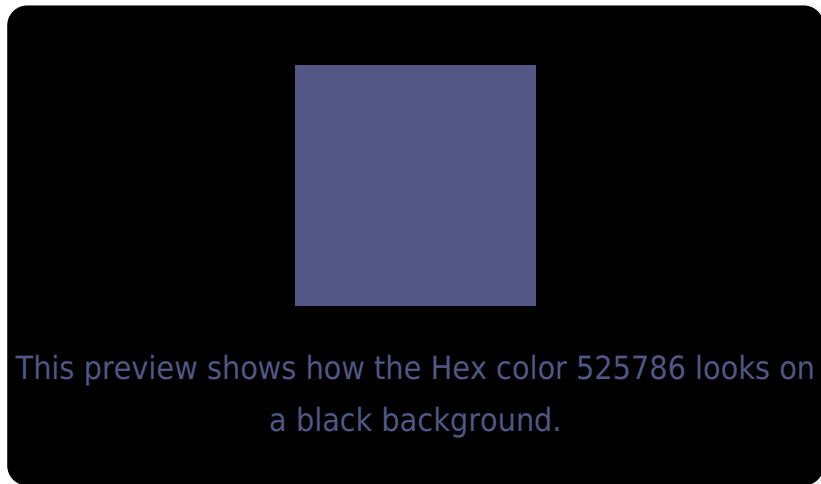
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

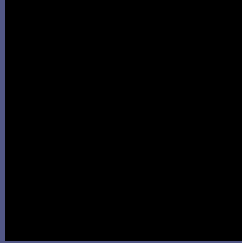
Any Text WCAG AA × Fail

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 525786 Background



This preview shows how black text looks on a background with the Hex color 525786.

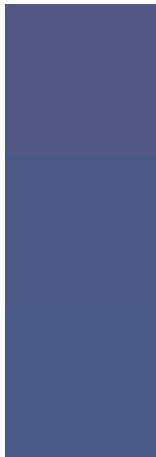


This preview shows how white text looks on a background with the Hex color 525786.

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](#).

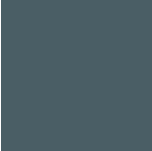
Dichromacy



Original Color
525786

Protanopia
4A5988

Deuteranopia
485A85



Tritanopia
4A5E65

Trichromacy



Original Color
525786

Protanomaly
4D5887

Deuteranomaly
4C5985

Tritanomaly
4D5B71

Monochromacy



Original Color
525786

Achromatopsia
5B5B5B

Achromatomaly
585A6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 525786 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 #525786 looks like.

```
.text, #text, p{  
    color:#525786  
}
```

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 #525786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #525786  
}
```

Border

The CSS property to change the border of an element to Hex 525786 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".

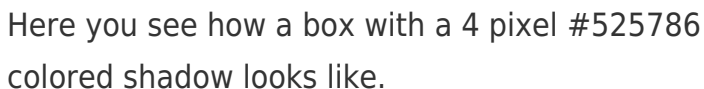
```
.border, #border, table{ border:4px solid  
#525786 }
```

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

```
.border{ border-color:#525786 }
```

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

Here you see how a box with a 4 pixel #525786 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #525786; -webkit-box-shadow:4px 4px  
4px 4px #525786; box-shadow:4px 4px 4px  
4px #525786 }
```

Background

The CSS property to change the background color of an element to Hex 525786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#525786 }
```

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

```
.background{ background-color:#525786 }
```

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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