

Converting Colors

Hex(535086)

Have a look what the booklet for
Hex(535086) contains.

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Color

Hex(535086)

Conversions

Conversions Part 1

Format	Color
Hex	535086
RGB	83, 80, 134
RGB Percent	33%, 31%, 53%
CMY	0.6745, 0.6863, 0.4745
CMYK	0.38, 0.40, 0.00, 0.47
HSL	243°, 25%, 42%
HSV	243°, 40%, 53%
XYZ	10.7390, 9.2976, 23.7829
YIQ	87.0530, -15.5460, 17.4300

Conversions

Conversions Part 2

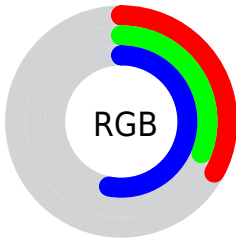
Format	Color
R_{YB}	83, 80, 134
Decimal	5460102
CIE _{Lab}	36.55, 15.21, -29.84
CIE _{LCh}	37, 33.494, 297.002
Yxy	9.2976, 0.2451, 0.2122
Android (android.graphics.Color)	4283650182 (0xFF535086)
YUV	87.0530, 23.1449, -3.5545
Hunter-Lab	30.4919, 9.5056, -24.9003

Details

The Hex color **535086** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **838650**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8781BC**, and **212454** is the 20% darker color. If you saturate the color by 10%, you get **464386**, and if you desaturate by 10%, it is **605D86**.

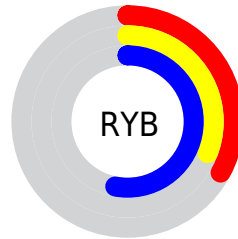
Distribution



Red (33%)

Green (31%)

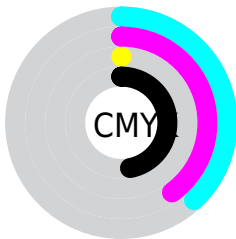
Blue (53%)



Red (33%)

Yellow (31%)

Blue (53%)

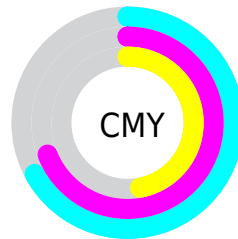


Cyan (38%)

Magenta (40%)

Yellow (0%)

Black (47%)



Cyan (67%)

Magenta (69%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535086 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 535086 by changing the saturation by 10% instead.

■ 535086

■ 535086

FFFFFF

■ 3A396C

■ 8781BC

■ 212454

■ A19BD7

■ 060F3C

■ BDB6F4

■ 000226

■ D9D2FF

■ 00010F

■ F6EEFF

■ 000000

■ 535086

■ 535086

■ 464386

■ 605D86

■ 3A3586

■ 6C6B86

■ 2D2886

■ 797886

■ 201A86

■ 868686

■ 140D86

■ 929386

■ 070086

■ 9FA086

■ ACAE86

■ B8BB86

■ C5C986

Harmonies

Analogous

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



155A8C



535086



744574

Triad

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



535086



7C4A29



006352

Complementary

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



535086



838650

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.



2B6137



535086



68541E

Square

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



535086



87413F



4D5C24



00636E

Rectangle

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



535086



824063



4D5C24



006349

Sweetspot

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



535086



9A99AD



508386



4B4B57



D6D6D6



575757

Same Dimension

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



535086



5F5AAD



6E5086



3C3C42



070082



000003

Inverse Universe

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



865083



AD5AA9



688650



423C42



82007B



030002

Previews

White Background



This preview shows how the Hex color 535086 looks on a white background.

Color Contrast Check

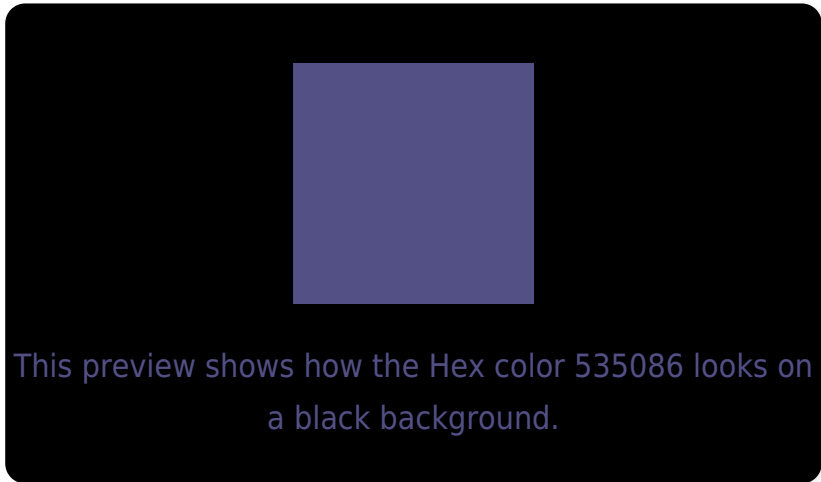
Large Text (above 18pt) WCAG AA ✓ Pass

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

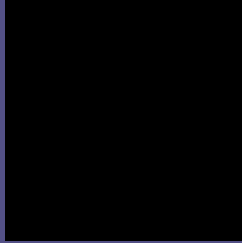
Any Text WCAG AA × Fail

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 535086 Background



This preview shows how black text looks on a background with the Hex color 535086.



This preview shows how white text looks on a background with the Hex color 535086.

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](#).

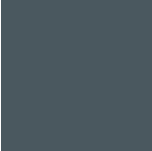
Dichromacy



Original Color
535086

Protanopia
41548A

Deuteranopia
3E5685



Tritanopia
4A585F

Trichromacy



Original Color
535086

Protanomaly
485389

Deuteranomaly
465485

Tritanomaly
4D556D

Monochromacy



Original Color
535086

Achromatopsia
575757

Achromatomaly
565468

CSS Examples

Text

The CSS property to change the color of the text to Hex 535086 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 #535086 looks like.

```
.text, #text, p{  
    color:#535086  
}
```

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 #535086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535086
}
```

Border

The CSS property to change the border of an element to Hex 535086 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
#535086 }
```

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

```
.border{ border-color:#535086 }
```

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

Here you see how a box with a 4 pixel #535086 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535086; -webkit-box-shadow:4px 4px  
4px 4px #535086; box-shadow:4px 4px 4px  
4px #535086 }
```

Background

The CSS property to change the background color of an element to Hex 535086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535086 }
```

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

```
.background{ background-color:#535086 }
```

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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