

# Converting Colors

Hex(52536A)

Have a look what the booklet for  
Hex(52536A) contains.

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# Color

Hex(52536A)

# Conversions

## Conversions Part 1

Format	Color
Hex	52536A
RGB	82, 83, 106
RGB Percent	32%, 33%, 42%
CMY	0.6784, 0.6745, 0.5843
CMYK	0.23, 0.22, 0.00, 0.58
HSL	238°, 13%, 37%
HSV	238°, 23%, 42%
XYZ	9.1745, 9.0210, 14.8933
YIQ	85.3230, -7.9790, 6.9410

# Conversions

## Conversions Part 2

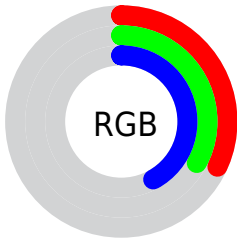
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 83, 106
Decimal	5395306
CIE <sub>Lab</sub>	36.02, 5.12, -13.35
CIE <sub>LCh</sub>	36, 14.297, 290.966
Yxy	9.0210, 0.2773, 0.2726
Android (android.graphics.Color)	4283585386 (0xFF52536A)
YUV	85.3230, 10.1938, -2.9143
Hunter-Lab	30.0349, 1.9634, -8.3756

# Details

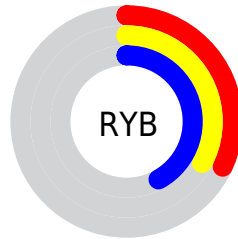
The Hex color **52536A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A6952**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **84849D**, and **24263B** is the 20% darker color. If you saturate the color by 10%, you get **47496A**, and if you desaturate by 10%, it is **5D5D6A**.

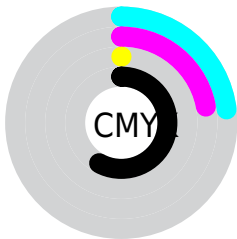
# Distribution



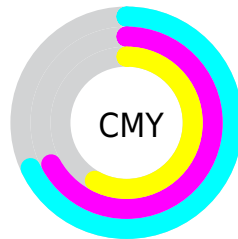
- Red (32%)
- Green (33%)
- Blue (42%)



- Red (32%)
- Yellow (33%)
- Blue (42%)



- Cyan (23%)
- Magenta (22%)
- Yellow (0%)
- Black (58%)



- Cyan (68%)
- Magenta (67%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52536A 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 52536A by changing the saturation by 10% instead.





52536A



52536A

FFFFFF



3B3C52



84849D



24263B



9E9EB8



101225



B9B9D4



00010F



D5D5F0



000000



F1F1FF



52536A



52536A



47496A



5D5D6A



3D3F6A



67676A

■ 32356A

■ 72716A

■ 282A6A

■ 7C7C6A

■ 1D206A

■ 87866A

■ 12166A

■ 92906A

■ 080C6A

■ 9C9A6A

■ 00046A

■ A7A46A

■ B1AE6A

# Harmonies

## Analogous

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



42576B



52536A



604F63

# Triad

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



52536A



694F43



3C5B51

# Complementary

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



52536A



6A6952

# 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.



485946



52536A



61533E

# Square

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



52536A



6C4D4D



55573F



345B5C

# Rectangle

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



52536A



674D5C



55573F



3F5B4D



# Sweetspot

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



52536A



80808A



526A69



3F4045



C4C4C4



454545



# Same Dimension

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



52536A



65668A



5D526A



303036



000575



000AF5



# Inverse Universe

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



6A5253



8A6566



5F6A52



363030



750005



F5000A



# Previews

## White Background



This preview shows how the Hex color 52536A looks on a white background.

## Color Contrast Check

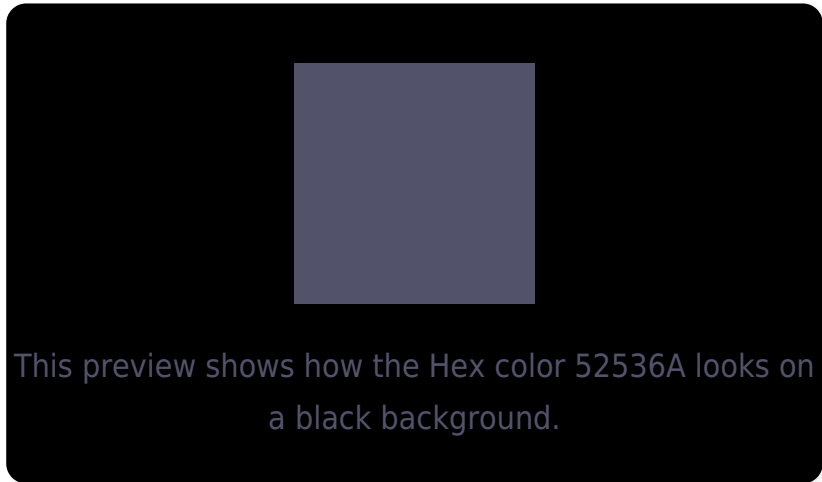
Large Text (above 18pt) WCAG AA ✓ Pass

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

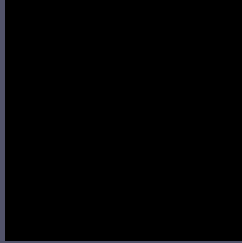
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 52536A Background



This preview shows how black text looks on a background with the Hex color 52536A.



This preview shows how white text looks on a background with the Hex color 52536A.

# 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**  
52536A

**Protanopia**  
4F546B

**Deuteranopia**  
52536A



**Tritanopia**  
4F555C

# Trichromacy



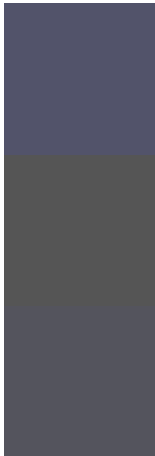
**Original Color**  
52536A

**Protanomaly**  
50546B

**Deuteranomaly**  
52536A

**Tritanomaly**  
505461

# Monochromacy



**Original Color**  
52536A

**Achromatopsia**  
555555

**Achromatomaly**  
54545D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52536A 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 #52536A looks like.

```
.text, #text, p{  
    color:#52536A  
}
```

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 #52536A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52536A
}
```

## Border

The CSS property to change the border of an element to Hex 52536A is called "border". The border property can be set on classes, ids or directly on the HTML element.

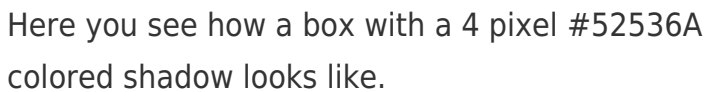
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#52536A }
```

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

```
.border{ border-color:#52536A }
```

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



Here you see how a box with a 4 pixel #52536A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52536A; -webkit-box-shadow:4px 4px  
4px 4px #52536A; box-shadow:4px 4px 4px  
4px #52536A }
```

# Background

The CSS property to change the background color of an element to Hex 52536A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52536A }
```

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

```
.background{ background-color:#52536A }
```

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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