

Converting Colors

Hex(53466A)

Have a look what the booklet for
Hex(53466A) contains.

Hex(53466A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(53466A)

Conversions

Conversions Part 1

Format	Color
Hex	53466A
RGB	83, 70, 106
RGB Percent	33%, 27%, 42%
CMY	0.6745, 0.7255, 0.5843
CMYK	0.22, 0.34, 0.00, 0.58
HSL	262°, 20%, 35%
HSV	262°, 34%, 42%
XYZ	8.3590, 7.2599, 14.5964
YIQ	77.9910, -3.8080, 13.9520

Conversions

Conversions Part 2

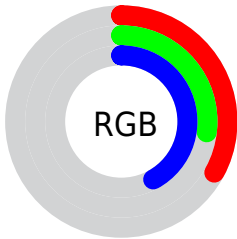
Format	Color
R_{YB}	83, 70, 106
Decimal	5457514
CIE _{Lab}	32.39, 13.77, -18.93
CIE _{LCh}	32, 23.404, 306.036
Yxy	7.2599, 0.2766, 0.2403
Android (android.graphics.Color)	4283647594 (0xFF53466A)
YUV	77.9910, 13.8084, 4.3929
Hunter-Lab	26.9442, 8.2239, -13.2580

Details

The Hex color **53466A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5D6A46**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **85769D**, and **251B3B** is the 20% darker color. If you saturate the color by 10%, you get **4C3B6A**, and if you desaturate by 10%, it is **5A516A**.

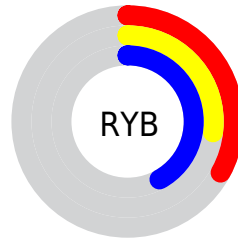
Distribution



Red (33%)

Green (27%)

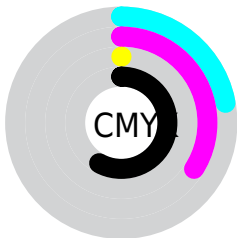
Blue (42%)



Red (33%)

Yellow (27%)

Blue (42%)

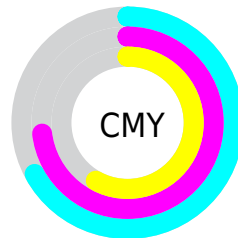


Cyan (22%)

Magenta (34%)

Yellow (0%)

Black (58%)



Cyan (67%)

Magenta (73%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53466A 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 53466A by changing the saturation by 10% instead.

■ 53466A

■ 53466A

FFFFFF

■ 3B3052

■ 85769D

■ 251B3B

■ 9F90B8

■ 120025

■ BBABD4

■ 00010E

■ D6C6F1

■ 000000

■ F3E2FF

■ 53466A

■ 53466A

■ 4C3B6A

■ 5A516A

■ 45316A

■ 615B6A

■ 3F266A

■ 67666A

■ 381C6A

■ 6E706A

■ 31116A

■ 757B6A

■ 2A066A

■ 7C866A

■ 26006A

■ 82906A

■ 899B6A

■ 90A56A

Harmonies

Analogous

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



374D71



53466A



66405C

Triad

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



53466A



64462B



07564F

Complementary

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



53466A



5D6A46

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.



29553D



53466A



544C27

Square

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



53466A



6E4037



41512E



005561

Rectangle

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



53466A



6D3E4F



41512E



165649

Sweetspot

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



53466A



817C8A



465D6A



403D45



C4C4C4



454545

Same Dimension

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



53466A



66518A



65466A



323036



2A0075



5800F5

Inverse Universe

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



6A465D



8A5175



4B6A46



363034



75004B



F5009C

Previews

White Background



This preview shows how the Hex color 53466A 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

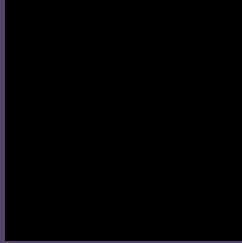
Any Text WCAG AA × Fail

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 53466A Background



This preview shows how black text looks on a background with the Hex color 53466A.

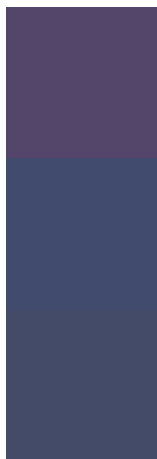


This preview shows how white text looks on a background with the Hex color 53466A.

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
53466A

Protanopia
414B6E

Deuteranopia
434B69



Tritanopia
4F4B51

Trichromacy



Original Color
53466A

Protanomaly
48496D

Deuteranomaly
494969

Tritanomaly
50495A

Monochromacy



Original Color
53466A

Achromatopsia
4E4E4E

Achromatomaly
504B58

CSS Examples

Text

The CSS property to change the color of the text to Hex 53466A 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 #53466A looks like.

```
.text, #text, p{  
    color:#53466A  
}
```

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 #53466A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53466A
}
```

Border

The CSS property to change the border of an element to Hex 53466A is called "border". The border property can be set on classes, ids or directly on the HTML element.

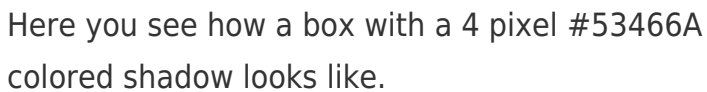
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#53466A }
```

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

```
.border{ border-color:#53466A }
```

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



Here you see how a box with a 4 pixel #53466A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53466A; -webkit-box-shadow:4px 4px  
4px 4px #53466A; box-shadow:4px 4px 4px  
4px #53466A }
```

Background

The CSS property to change the background color of an element to Hex 53466A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53466A }
```

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

```
.background{ background-color:#53466A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor