

Converting Colors

Hex(53602B)

Have a look what the booklet for
Hex(53602B) contains.

Hex(53602B)	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(53602B)

Conversions

Conversions Part 1

Format	Color
Hex	53602B
RGB	83, 96, 43
RGB Percent	33%, 38%, 17%
CMY	0.6745, 0.6235, 0.8314
CMYK	0.14, 0.00, 0.55, 0.62
HSL	75°, 38%, 27%
HSV	75°, 55%, 38%
XYZ	8.1862, 10.3792, 3.8574
YIQ	86.0710, 9.2650, -19.2390

Conversions

Conversions Part 2

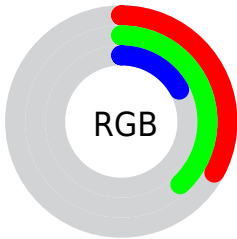
Format	Color
RYB	43, 96, 56
Decimal	5464107
CIELab	38.51, -14.17, 28.30
CIElCh	39, 31.652, 116.589
Yxy	10.3792, 0.3651, 0.4629
Android (android.graphics.Color)	4283654187 (0xFF53602B)
YUV	86.0710, -21.2340, -2.6933
Hunter-Lab	32.2167, -11.0228, 15.4527

Details

The Hex color **53602B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **382B60**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **86935A**, and **253200** is the 20% darker color. If you saturate the color by 10%, you get **516021**, and if you desaturate by 10%, it is **556035**.

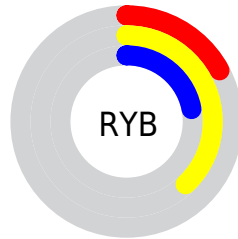
Distribution



Red (33%)

Green (38%)

Blue (17%)



Red (17%)

Yellow (38%)

Blue (22%)

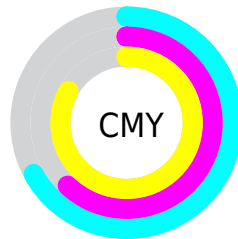


Cyan (14%)

Magenta (0%)

Yellow (55%)

Black (62%)



Cyan (67%)

Magenta (62%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53602B 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 53602B by changing the saturation by 10% instead.

 53602B

 53602B

FFFFFF

 3B4814

 86935A

 253200

 A0AD73

 0B1D00

 BCC88D

 000000

 D8E5A8

 F4FFC3

 FFFFDF

 FFFFFC

 53602B

 53602B

■ 516021

■ 556035

■ 4E6018

■ 58603E

■ 4C600E

■ 5A6048

■ 4A6005

■ 5C6051

■ 486000

■ 5F605B

■ 616065

■ 63606E

■ 666078

■ 686081

Harmonies

Analogous

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



6C5826



53602B



33653D

Triad

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



53602B



006485



88455F

Complementary

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



53602B



382B60

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.



784B77



53602B



255E8E

Square

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



53602B



006771



585589



8A4745

Rectangle

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



53602B



12674E



585589



844767

Sweetspot

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



53602B



787D68



60372B



3D4033



BFBFBF



404040

Same Dimension

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



53602B



697D2A



39602B



2F302C



557000



B5F000

Inverse Universe

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



382B60



3F2A7D



522B60



2D2C30



1C0070



3B00F0

Previews

White Background



This preview shows how the Hex color 53602B looks on a white background.

Color Contrast Check

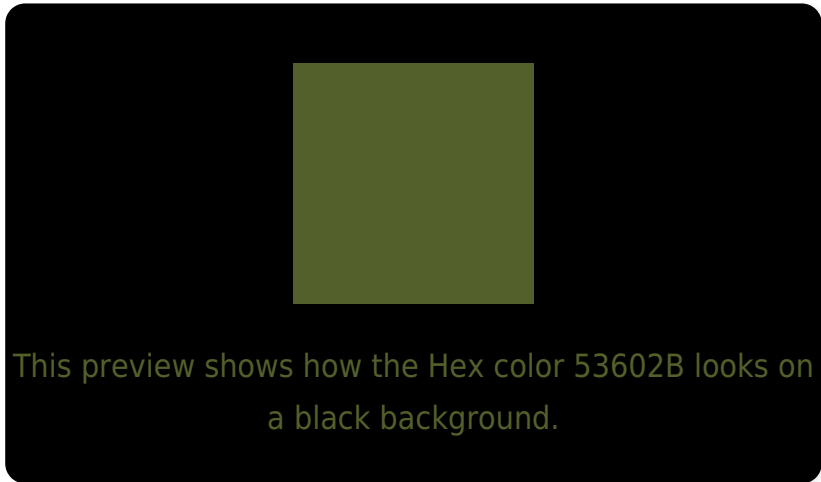
Large Text (above 18pt) WCAG AA ✓ Pass

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

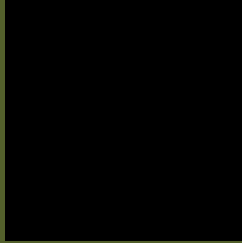
Any Text WCAG AA × Fail

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 53602B Background



This preview shows how black text looks on a background with the Hex color 53602B.



This preview shows how white text looks on a background with the Hex color 53602B.

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
53602B

Protanopia
645B29

Deuteranopia
6F562E



Tritanopia
595A61

Trichromacy



Original Color
53602B

Protanomaly
5E5D2A

Deuteranomaly
655A2D

Tritanomaly
575C4D

Monochromacy



Original Color
53602B

Achromatopsia
565656

Achromatomaly
555A46

CSS Examples

Text

The CSS property to change the color of the text to Hex 53602B 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 #53602B looks like.

```
.text, #text, p{  
    color:#53602B  
}
```

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 #53602B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53602B
}
```

Border

The CSS property to change the border of an element to Hex 53602B 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
#53602B }
```

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

```
.border{ border-color:#53602B }
```

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

Here you see how a box with a 4 pixel #53602B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53602B; -webkit-box-shadow:4px 4px  
4px 4px #53602B; box-shadow:4px 4px 4px  
4px #53602B }
```

Background

The CSS property to change the background color of an element to Hex 53602B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53602B }
```

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

```
.background{ background-color:#53602B }
```

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