

Converting Colors

Hex(560053)

Have a look what the booklet for
Hex(560053) contains.

Hex(560053)	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(560053)

Conversions

Conversions Part 1

Format	Color
Hex	560053
RGB	86, 0, 83
RGB Percent	34%, 0%, 33%
CMY	0.6627, 1.0000, 0.6745
CMYK	0.00, 1.00, 0.03, 0.66
HSL	302°, 100%, 17%
HSV	302°, 100%, 34%
XYZ	5.3991, 2.6030, 8.4015
YIQ	35.1760, 24.6130, 44.0450

Conversions

Conversions Part 2

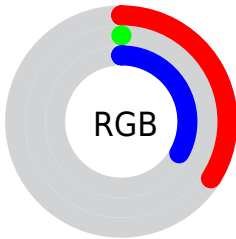
Format	Color
R _Y B	86, 0, 83
Decimal	5636179
CIE Lab	18.38, 44.02, -25.87
CIE LCh	18, 51.064, 329.557
Yxy	2.6030, 0.3291, 0.1587
Android (android.graphics.Color)	4283826259 (0xFF560053)
YUV	35.1760, 23.5772, 44.5726
Hunter-Lab	16.1337, 31.5003, -19.5811

Details

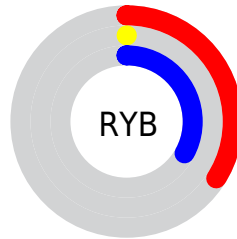
The Hex color **560053** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **005603**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **8B3B85**, and **270026** is the 20% darker color. If you saturate the color by 10%, you get **560053**, and if you desaturate by 10%, it is **560953**.

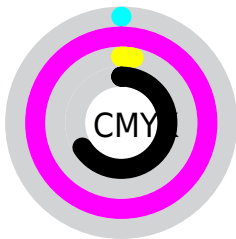
Distribution



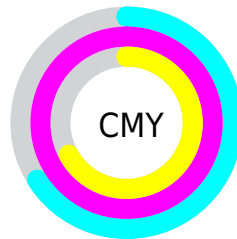
- Red (34%)
- Green (0%)
- Blue (33%)



- Red (34%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (66%)



- Cyan (66%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 560053 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 560053 by changing the saturation by 10% instead.

 560053

 560053

 FFFAFF

 3D003C

 8B3B85

 270026

 A6559F

 00010E

 C26FBA

 000000

 DF89D6

 FCA4F3

 FFC0FF

 FFDDFF

 560053

■ 560953

■ 561154

■ 561A54

■ 562254

■ 562B55

■ 563455

■ 563C55

■ 564555

■ 564D56

Harmonies

Analogous

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



1E236E



560053



69002F

Triad

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



560053



392B00



003B51

Complementary

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



560053



005603

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.



003B2B



560053



123500

Square

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



560053



551900



003900



00396D

Rectangle

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



560053



690017



003900



003B45

Sweetspot

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



560053



704F6F



030056



382437



B8B8B8



383838

Same Dimension

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



560053



70006C



560028



2B272B



6B0067



EB00E2

Inverse Universe

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



560053



70006C



00562E



2B272B



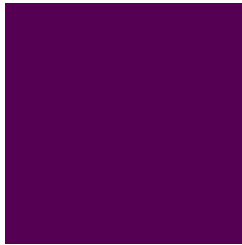
6B0067



EB00E2

Previews

White Background



This preview shows how the Hex color 560053 looks on a white background.

Color Contrast Check

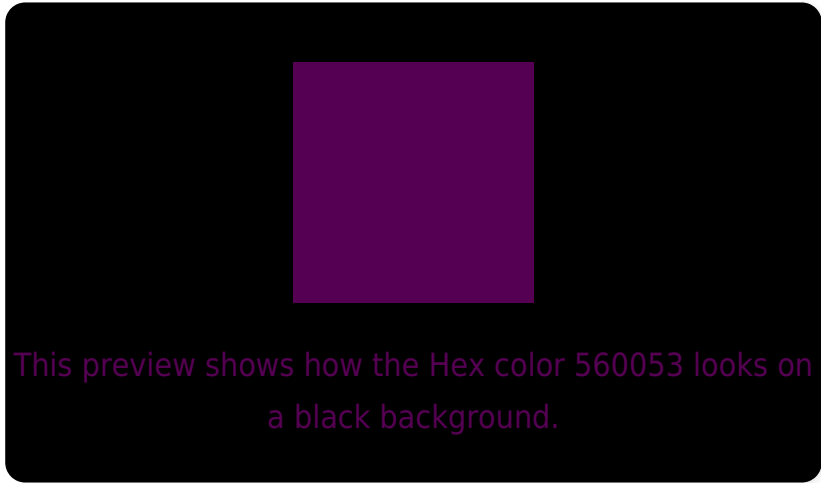
Large Text (above 18pt) WCAG AA ✓ Pass

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

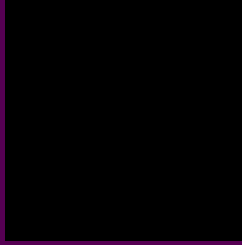
Any Text WCAG AA × Fail

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 560053 Background



This preview shows how black text looks on a background with the Hex color 560053.



This preview shows how white text looks on a background with the Hex color 560053.

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
560053

Protanopia
002F64

Deuteranopia
20314E

Trichromacy



Original Color
560053

Protanomaly
1F1E5E

Deuteranomaly
341F50

Tritanomaly
531534

Monochromacy



Original Color
560053

Achromatopsia
232323

Achromatomaly
361634

CSS Examples

Text

The CSS property to change the color of the text to Hex 560053 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 #560053 looks like.

```
.text, #text, p{  
    color:#560053  
}
```

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 #560053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #560053
}
```

Border

The CSS property to change the border of an element to Hex 560053 is called "border". The border property can be set on classes, ids or directly on the HTML element.

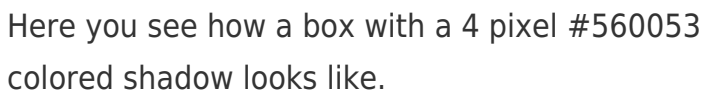
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#560053 }
```

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

```
.border{ border-color:#560053 }
```

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



Here you see how a box with a 4 pixel #560053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #560053; -webkit-box-shadow:4px 4px  
4px 4px #560053; box-shadow:4px 4px 4px  
4px #560053 }
```

Background

The CSS property to change the background color of an element to Hex 560053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#560053 }
```

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

```
.background{ background-color:#560053 }
```

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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