

Converting Colors

Hex(552352)

Have a look what the booklet for
Hex(552352) contains.

Hex(552352)	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(552352)

Conversions

Conversions Part 1

Format	Color
Hex	552352
RGB	85, 35, 82
RGB Percent	33%, 14%, 32%
CMY	0.6667, 0.8627, 0.6784
CMYK	0.00, 0.59, 0.04, 0.67
HSL	304°, 42%, 24%
HSV	304°, 59%, 33%
XYZ	5.8703, 3.7426, 8.3956
YIQ	55.3080, 14.7130, 25.2170

Conversions

Conversions Part 2

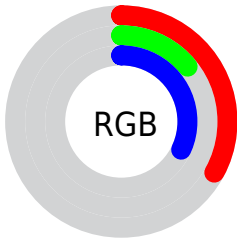
Format	Color
RYB	85, 35, 82
Decimal	5579602
CIELab	22.80, 30.39, -18.23
CIElCh	23, 35.440, 329.050
Yxy	3.7426, 0.3260, 0.2078
Android (android.graphics.Color)	4283769682 (0xFF552352)
YUV	55.3080, 13.1592, 26.0399
Hunter-Lab	19.3457, 20.3098, -12.1887

Details

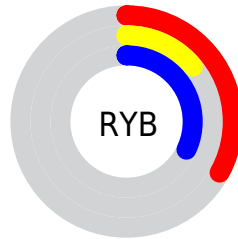
The Hex color **552352** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **235526**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **885384**, and **270025** is the 20% darker color. If you saturate the color by 10%, you get **551B51**, and if you desaturate by 10%, it is **552C53**.

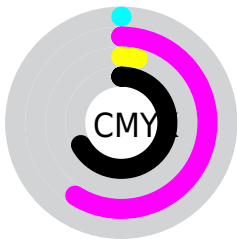
Distribution



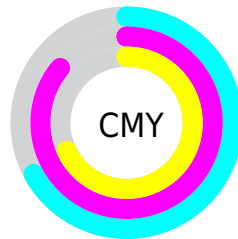
- Red (33%)
- Green (14%)
- Blue (32%)



- Red (33%)
- Yellow (14%)
- Blue (32%)



- Cyan (0%)
- Magenta (59%)
- Yellow (4%)
- Black (67%)



- Cyan (67%)
- Magenta (86%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 552352 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 552352 by changing the saturation by 10% instead.

■ 552352

■ 552352

FFFFFF

■ 3D0B3B

■ 885384

■ 270025

■ A36B9E

■ 00010E

■ BF85B9

■ 000000

■ DBA0D5

■ F8BBF1

■ FFD7FF

■ FFF4FF

■ 552352

■ 552352

■ 551B51

■ 552C53

■ 551251

■ 553453

■ 550A50

■ 553D54

■ 550150

■ 554554

■ 550050

■ 554E55

■ 555655

■ 555E56

■ 556756

■ 557057

Harmonies

Analogous

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



333065



552352



641A38

Triad

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



552352



443500



00424F

Complementary

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



552352



235526

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.



004235



552352



2A3C00

Square

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



552352



582A05



00401A



004064

Rectangle

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



552352



651C27



00401A



004347

Sweetspot

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



552352



6E5A6C



262355



382C37



B8B8B8



383838

Same Dimension

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



552352



6E2069



552339



2B272B



6B0065



EB00DD

Inverse Universe

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



552352



6E2069



23553E



2B272B



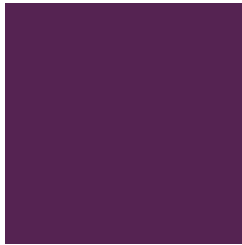
6B0065



EB00DD

Previews

White Background



This preview shows how the Hex color 552352 looks on a white background.

Color Contrast Check

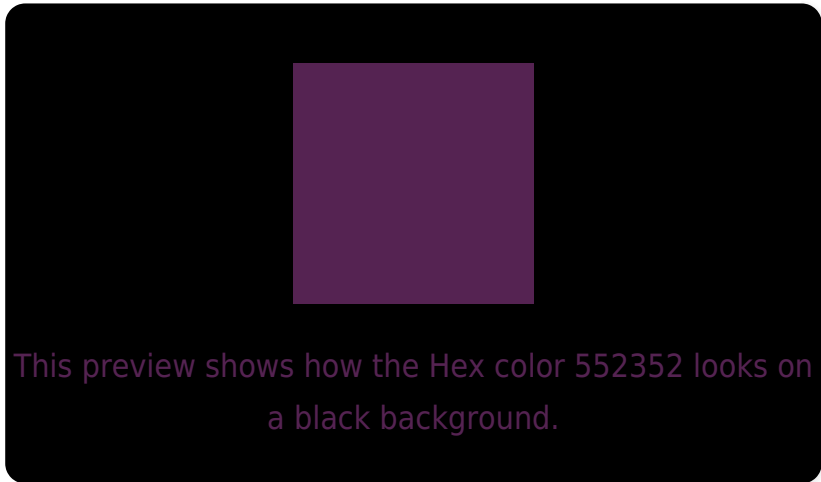
Large Text (above 18pt) WCAG AA ✓ Pass

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

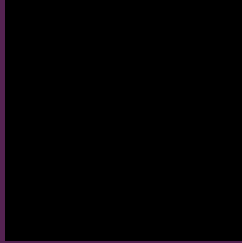
Any Text WCAG AA × Fail

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 552352 Background



This preview shows how black text looks on a background with the Hex color 552352.



This preview shows how white text looks on a background with the Hex color 552352.

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
552352

Protanopia
223663

Deuteranopia
2F374F



Tritanopia
512C30

Trichromacy



Original Color
552352

Protanomaly
352F5D

Deuteranomaly
3D3050

Tritanomaly
52293C

Monochromacy



Original Color
552352

Achromatopsia
373737

Achromatomaly
423041

CSS Examples

Text

The CSS property to change the color of the text to Hex 552352 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 #552352 looks like.

```
.text, #text, p{  
    color:#552352  
}
```

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 #552352 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #552352
}
```

Border

The CSS property to change the border of an element to Hex 552352 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
#552352 }
```

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

```
.border{ border-color:#552352 }
```

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

Here you see how a box with a 4 pixel #552352 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #552352; -webkit-box-shadow:4px 4px  
4px 4px #552352; box-shadow:4px 4px 4px  
4px #552352 }
```

Background

The CSS property to change the background color of an element to Hex 552352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#552352 }
```

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

```
.background{ background-color:#552352 }
```

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