

Converting Colors

Hex(553344)

Have a look what the booklet for
Hex(553344) contains.

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Color

Hex(553344)

Conversions

Conversions Part 1

Format	Color
Hex	553344
RGB	85, 51, 68
RGB Percent	33%, 20%, 27%
CMY	0.6667, 0.8000, 0.7333
CMYK	0.00, 0.40, 0.20, 0.67
HSL	330°, 25%, 27%
HSV	330°, 40%, 33%
XYZ	5.9735, 4.7163, 6.0643
YIQ	63.1040, 14.8070, 12.4950

Conversions

Conversions Part 2

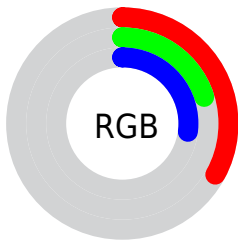
Format	Color
R_{YB}	85, 51, 68
Decimal	5583684
CIE _{Lab}	25.91, 18.14, -4.12
CIE _{LCh}	26, 18.605, 347.210
Yxy	4.7163, 0.3565, 0.2815
Android (android.graphics.Color)	4283773764 (0xFF553344)
YUV	63.1040, 2.4137, 19.2028
Hunter-Lab	21.7171, 11.0937, -1.3544

Details

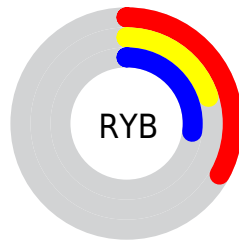
The Hex color **553344** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **335544**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **886274**, and **270719** is the 20% darker color. If you saturate the color by 10%, you get **552A40**, and if you desaturate by 10%, it is **553B48**.

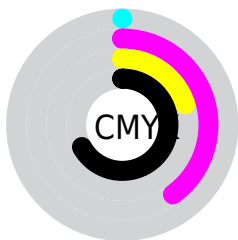
Distribution



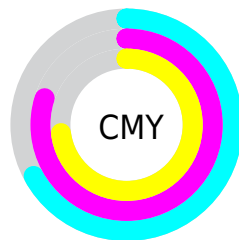
- Red (33%)
- Green (20%)
- Blue (27%)



- Red (33%)
- Yellow (20%)
- Blue (27%)



- Cyan (0%)
- Magenta (40%)
- Yellow (20%)
- Black (67%)



- Cyan (67%)
- Magenta (80%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553344 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 553344 by changing the saturation by 10% instead.

■ 553344

■ 553344

FFFFFF

■ 3D1D2E

■ 886274

■ 270719

■ A27B8E

■ 010000

■ BD95A8

■ 000000

■ D9B0C3

■ F6CBDF

■ FFE8FC

■ 553344

■ 553344

■ 552A40

■ 553B48

■ 55223B

■ 55444C

■ 551937

■ 554D51

■ 551133

■ 555555

■ 55082F

■ 555E59

■ 55002A

■ 55665E

■ 556E62

■ 557766

■ 557F6A

Harmonies

Analogous

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



493751



553344



593336

Triad

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



553344



3E3F22



044452

Complementary

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



553344



335544

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.



074545



553344



2F432A

Square

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



553344



4C3A22



1C4437



1E4159

Rectangle

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



553344



57342D



1C4437



01444E

Sweetspot

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



553344



6E6067



443355



383034



B8B8B8



383838

Same Dimension

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



553344



6E3953



553333



2B2729



6B0036



EB0075

Inverse Universe

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



553344



6E3953



335555



2B2729



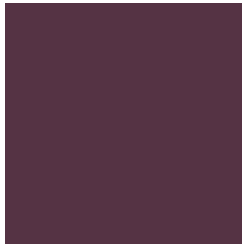
6B0036



EB0075

Previews

White Background



This preview shows how the Hex color 553344 looks on a white background.

Color Contrast Check

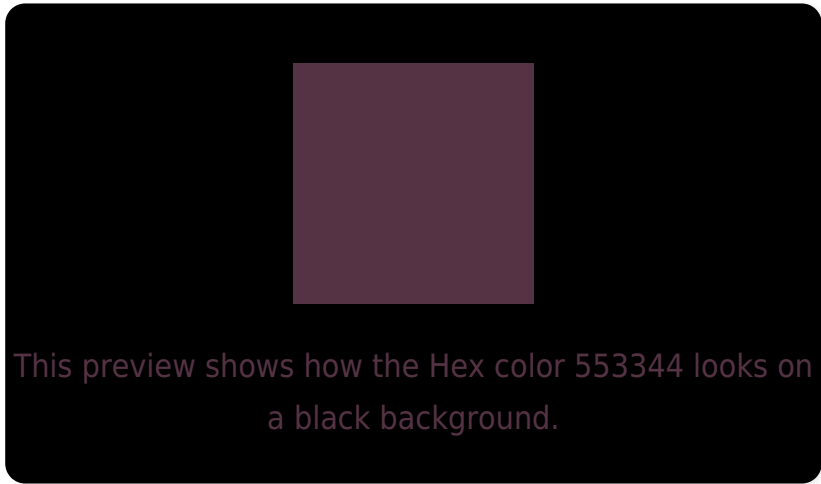
Large Text (above 18pt) WCAG AA ✓ Pass

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

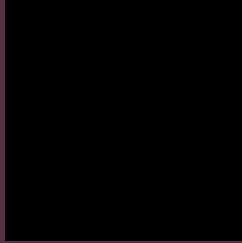
Any Text WCAG AA × Fail

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 553344 Background



This preview shows how black text looks on a background with the Hex color 553344.



This preview shows how white text looks on a background with the Hex color 553344.

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
553344

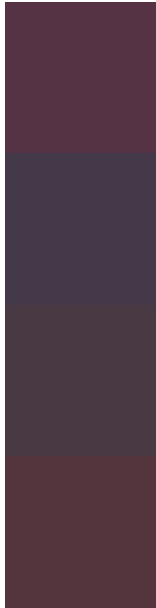
Protanopia
3B3D4B

Deuteranopia
423C42



Tritanopia
543539

Trichromacy



Original Color
553344

Protanomaly
443948

Deuteranomaly
493943

Tritanomaly
54343D

Monochromacy



Original Color
553344

Achromatopsia
3F3F3F

Achromatomaly
473B41

CSS Examples

Text

The CSS property to change the color of the text to Hex 553344 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 #553344 looks like.

```
.text, #text, p{  
    color:#553344  
}
```

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 #553344 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553344
}
```

Border

The CSS property to change the border of an element to Hex 553344 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
#553344 }
```

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

```
.border{ border-color:#553344 }
```

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

Here you see how a box with a 4 pixel #553344 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553344; -webkit-box-shadow:4px 4px  
4px 4px #553344; box-shadow:4px 4px 4px  
4px #553344 }
```

Background

The CSS property to change the background color of an element to Hex 553344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553344 }
```

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

```
.background{ background-color:#553344 }
```

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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