

Converting Colors

Hex(553556)

Have a look what the booklet for
Hex(553556) contains.

Hex(553556)	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(553556)

Conversions

Conversions Part 1

Format	Color
Hex	553556
RGB	85, 53, 86
RGB Percent	33%, 21%, 34%
CMY	0.6667, 0.7922, 0.6627
CMYK	0.01, 0.38, 0.00, 0.66
HSL	298°, 24%, 27%
HSV	298°, 38%, 34%
XYZ	6.6991, 5.1494, 9.4449
YIQ	66.3300, 8.4790, 17.0470

Conversions

Conversions Part 2

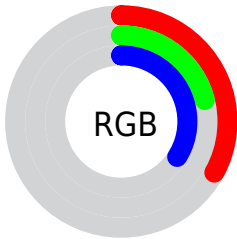
Format	Color
R_{YB}	85, 53, 86
Decimal	5584214
CIE _{Lab}	27.16, 20.52, -14.13
CIE _{LCh}	27, 24.911, 325.453
Yxy	5.1494, 0.3146, 0.2418
Android (android.graphics.Color)	4283774294 (0xFF553556)
YUV	66.3300, 9.6973, 16.3736
Hunter-Lab	22.6923, 12.9847, -8.7930

Details

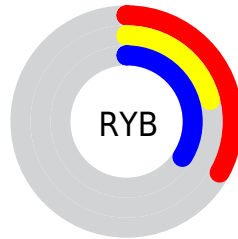
The Hex color **553556** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **365635**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **876488**, and **270A29** is the 20% darker color. If you saturate the color by 10%, you get **552C56**, and if you desaturate by 10%, it is **553E56**.

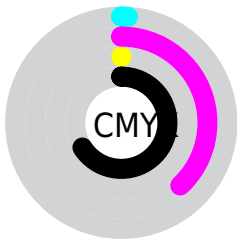
Distribution



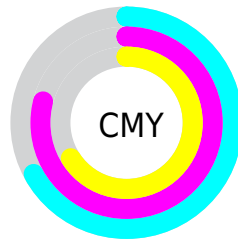
- Red (33%)
- Green (21%)
- Blue (34%)



- Red (33%)
- Yellow (21%)
- Blue (34%)



- Cyan (1%)
- Magenta (38%)
- Yellow (0%)
- Black (66%)



- Cyan (67%)
- Magenta (79%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553556 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 553556 by changing the saturation by 10% instead.

■ 553556

■ 553556

FFFFFF

■ 3D1F3F

■ 876488

■ 270A29

■ A27EA2

■ 0B0014

■ BD98BD

■ 000000

■ D9B2D9

■ F6CEF5

■ FFEAFF

■ 553556

■ 553556

■ 552C56

■ 553E56

■ 542456

■ 564656

■ 541B56

■ 564F56

■ 541356

■ 565756

■ 540A56

■ 566056

■ 530156

■ 576956

■ 530056

■ 577156

■ 577A56

■ 578256

Harmonies

Analogous

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



3D3C63



553556



623044

Triad

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



553556



4E3E19



004A50

Complementary

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



553556



365635

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.



004A3D



553556



3B441C

Square

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



553556



5C3721



24482A



00485F

Rectangle

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



553556



643037



24482A



004A4A

Sweetspot

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



553556



706370



353656



383038



B8B8B8



383838

Same Dimension

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



553556



6F3D70



563547



2B272B



68006B



E300EB

Inverse Universe

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



563536



703D3E



355644



2B2727



6B0003



EB0007

Previews

White Background



This preview shows how the Hex color 553556 looks on a white background.

Color Contrast Check

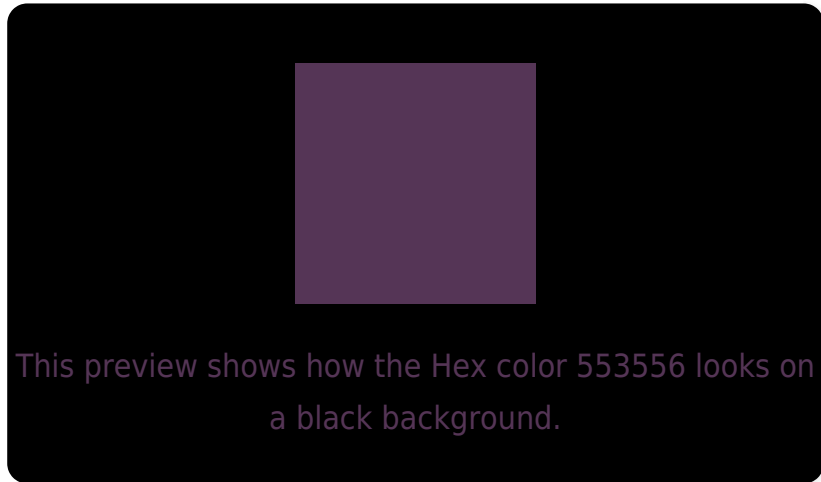
Large Text (above 18pt) WCAG AA ✓ Pass

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

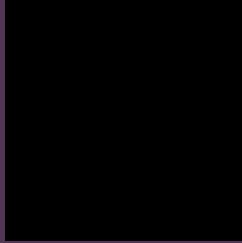
Any Text WCAG AA × Fail

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 553556 Background



This preview shows how black text looks on a background with the Hex color 553556.



This preview shows how white text looks on a background with the Hex color 553556.

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
553556

Protanopia
36405E

Deuteranopia
3C3F54



Tritanopia
523A3E

Trichromacy



Original Color

553556

Protanomaly

413C5B

Deuteranomaly

453B55

Tritanomaly

533847

Monochromacy



Original Color

553556

Achromatopsia

424242

Achromatomaly

493D49

CSS Examples

Text

The CSS property to change the color of the text to Hex 553556 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 #553556 looks like.

```
.text, #text, p{  
    color:#553556  
}
```

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 #553556 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553556
}
```

Border

The CSS property to change the border of an element to Hex 553556 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
#553556 }
```

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

```
.border{ border-color:#553556 }
```

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

Here you see how a box with a 4 pixel #553556 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553556; -webkit-box-shadow:4px 4px  
4px 4px #553556; box-shadow:4px 4px 4px  
4px #553556 }
```

Background

The CSS property to change the background color of an element to Hex 553556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553556 }
```

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

```
.background{ background-color:#553556 }
```

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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