

Converting Colors

Hex(633556)

Have a look what the booklet for
Hex(633556) contains.

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Color

Hex(633556)

Conversions

Conversions Part 1

Format	Color
Hex	633556
RGB	99, 53, 86
RGB Percent	39%, 21%, 34%
CMY	0.6118, 0.7922, 0.6627
CMYK	0.00, 0.46, 0.13, 0.61
HSL	317°, 30%, 30%
HSV	317°, 46%, 39%
XYZ	8.0984, 5.8707, 9.5104
YIQ	70.5160, 16.8230, 20.0150

Conversions

Conversions Part 2

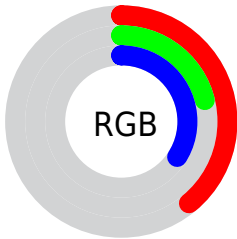
Format	Color
R_{YB}	99, 53, 86
Decimal	6501718
CIE _{Lab}	29.08, 25.69, -11.01
CIE _{LCh}	29, 27.949, 336.807
Yxy	5.8707, 0.3449, 0.2500
Android (android.graphics.Color)	4284691798 (0xFF633556)
YUV	70.5160, 7.6336, 24.9805
Hunter-Lab	24.2296, 17.2593, -6.3114

Details

The Hex color **633556** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **356342**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **976588**, and **330729** is the 20% darker color. If you saturate the color by 10%, you get **632B53**, and if you desaturate by 10%, it is **633F59**.

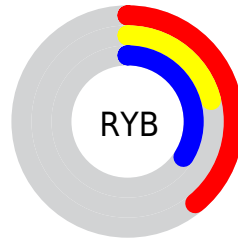
Distribution



Red (39%)

Green (21%)

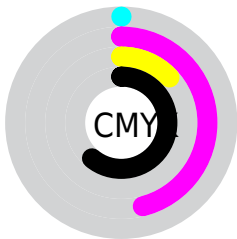
Blue (34%)



Red (39%)

Yellow (21%)

Blue (34%)

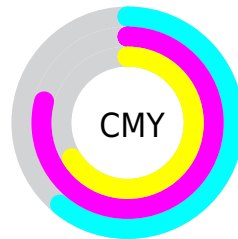


Cyan (0%)

Magenta (46%)

Yellow (13%)

Black (61%)



Cyan (61%)

Magenta (79%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 633556 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 633556 by changing the saturation by 10% instead.



633556



633556

FFFFFF



4A1E3F



976588



330729



B27EA2



1F0015



CE99BD



000000



EAB4D9



FFCFF5



FFECFF



633556



633556



632B53



633F59

632150

63495C

63174E

63535E

630D4B

635D61

630448

636764

630047

637067

637A6A

63846C

638E6F

Harmonies

Analogous

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



4D3D67



633556



6D3240

Triad

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



633556



4C4518



004F5E

Complementary

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



633556



356342

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.



004F49



633556



354B20

Square

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



633556



5F3D1D



164E33



004B6C

Rectangle

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



633556



6C3432



164E33



004F57

Sweetspot

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



633556



806E7A



413563



40353D



BFBFBF



404040

Same Dimension

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



633556



80386B



633540



302C2F



700050



F000AC

Inverse Universe

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



633556



80386B



356358



302C2F



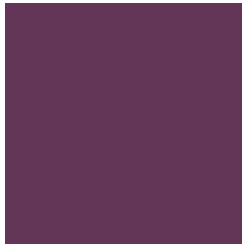
700050



F000AC

Previews

White Background



This preview shows how the Hex color 633556 looks on a white background.

Color Contrast Check

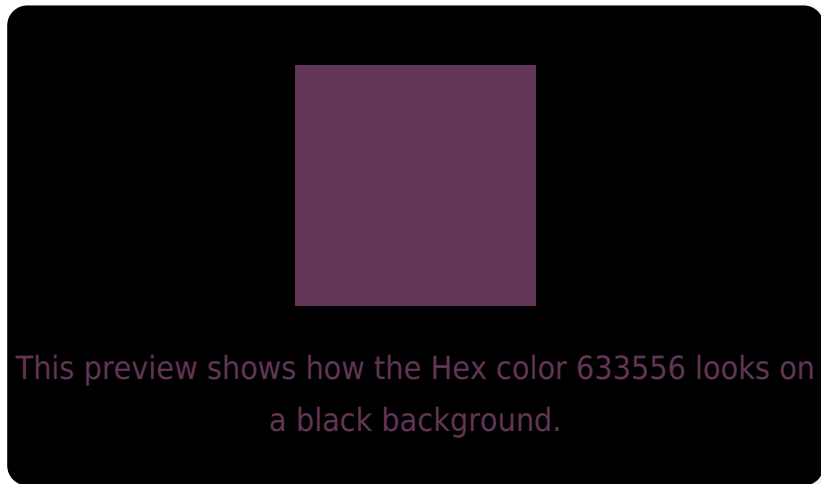
Large Text (above 18pt) WCAG AA ✓ Pass

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

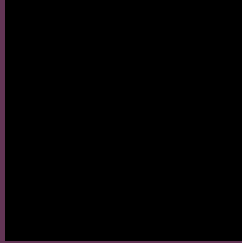
Any Text WCAG AA × Fail

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 633556 Background



This preview shows how black text looks on a background with the Hex color 633556.



This preview shows how white text looks on a background with the Hex color 633556.

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
633556

Protanopia
3C4461

Deuteranopia
454453



Tritanopia
603A3E

Trichromacy



Original Color
633556

Protanomaly
4A3F5D

Deuteranomaly
503F54

Tritanomaly
613847

Monochromacy



Original Color
633556

Achromatopsia
474747

Achromatomaly
51404C

CSS Examples

Text

The CSS property to change the color of the text to Hex 633556 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 #633556 looks like.

```
.text, #text, p{  
    color:#633556  
}
```

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 #633556 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633556
}
```

Border

The CSS property to change the border of an element to Hex 633556 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
#633556 }
```

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

```
.border{ border-color:#633556 }
```

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

Here you see how a box with a 4 pixel #633556 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633556; -webkit-box-shadow:4px 4px  
4px 4px #633556; box-shadow:4px 4px 4px  
4px #633556 }
```

Background

The CSS property to change the background color of an element to Hex 633556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633556 }
```

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

```
.background{ background-color:#633556 }
```

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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