

Converting Colors

Hex(633456)

Have a look what the booklet for
Hex(633456) contains.

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Color

Hex(633456)

Conversions

Conversions Part 1

Format	Color
Hex	633456
RGB	99, 52, 86
RGB Percent	39%, 20%, 34%
CMY	0.6118, 0.7961, 0.6627
CMYK	0.00, 0.47, 0.13, 0.61
HSL	317°, 31%, 30%
HSV	317°, 47%, 39%
XYZ	8.0533, 5.7805, 9.4954
YIQ	69.9290, 17.0980, 20.5380

Conversions

Conversions Part 2

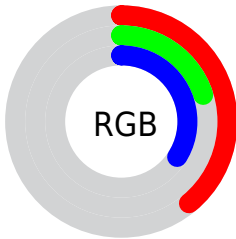
Format	Color
R_{YB}	99, 52, 86
Decimal	6501462
CIE _{Lab}	28.85, 26.28, -11.36
CIE _{LCh}	29, 28.632, 336.623
Yxy	5.7805, 0.3452, 0.2478
Android (android.graphics.Color)	4284691542 (0xFF633456)
YUV	69.9290, 7.9230, 25.4953
Hunter-Lab	24.0427, 17.7153, -6.5860

Details

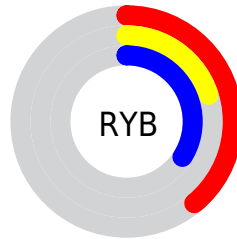
The Hex color **633456** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **346341**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **976488**, and **330629** is the 20% darker color. If you saturate the color by 10%, you get **632A53**, and if you desaturate by 10%, it is **633E59**.

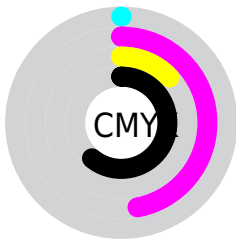
Distribution



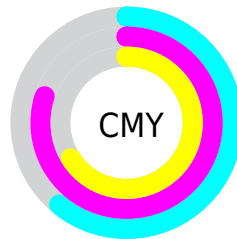
- Red (39%)
- Green (20%)
- Blue (34%)



- Red (39%)
- Yellow (20%)
- Blue (34%)



- Cyan (0%)
- Magenta (47%)
- Yellow (13%)
- Black (61%)



- Cyan (61%)
- Magenta (80%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 633456 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 633456 by changing the saturation by 10% instead.

633456

633456

FFFFFF

4A1D3F

976488

330629

B27DA2

1F0014

CE98BD

000000

EAB3D9

FFCEF5

FFEBFF

633456

633456

632A53

633E59

632051

63485B

63164E

63525E

630C4B

635C61

630348

636664

630048

636F66

637969

63836C

638D6F

Harmonies

Analogous

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



4C3C68



633456



6D3140

Triad

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



633456



4C4416



004E5E

Complementary

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



633456



346341

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.



004F48



633456



354A1F

Square

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



633456



5F3D1B



134E32



004B6C

Rectangle

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



633456



6D3331



134E32



004F57

Sweetspot

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



633456



806E7B



413463



40353D



BFBFBF



404040

Same Dimension

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



633456



80376B



63343F



302C2F



700051



F000AD

Inverse Universe

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



633456



80376B



346358



302C2F



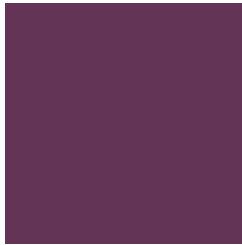
700051



F000AD

Previews

White Background



This preview shows how the Hex color 633456 looks on a white background.

Color Contrast Check

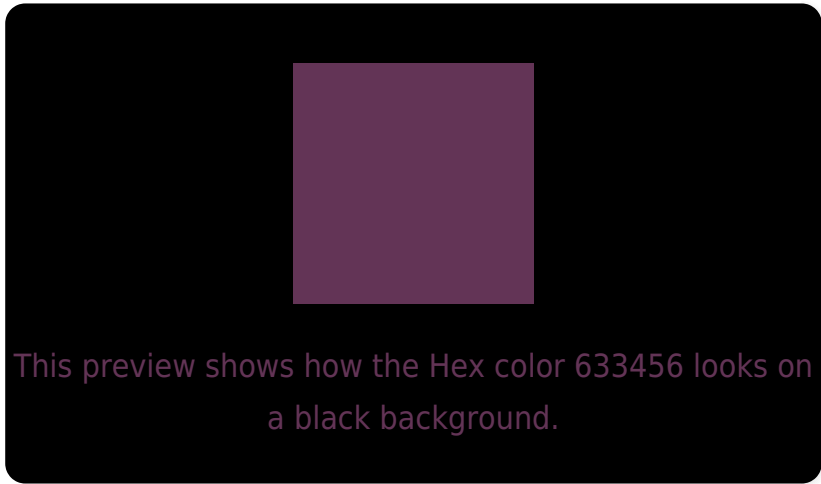
Large Text (above 18pt) WCAG AA ✓ Pass

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

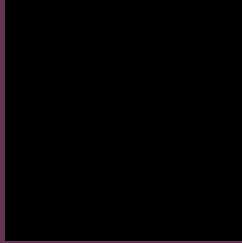
Any Text WCAG AA × Fail

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 633456 Background



This preview shows how black text looks on a background with the Hex color 633456.



This preview shows how white text looks on a background with the Hex color 633456.

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
633456

Protanopia
3B4462

Deuteranopia
444353



Tritanopia
60393D

Trichromacy



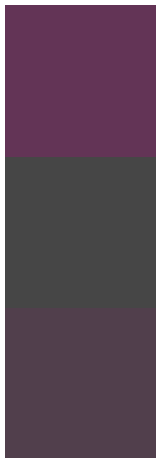
Original Color
633456

Protanomaly
4A3E5E

Deuteranomaly
4F3E54

Tritanomaly
613746

Monochromacy



Original Color
633456

Achromatopsia
464646

Achromatomaly
513F4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 633456 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 #633456 looks like.

```
.text, #text, p{  
    color:#633456  
}
```

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 #633456 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633456
}
```

Border

The CSS property to change the border of an element to Hex 633456 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
#633456 }
```

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

```
.border{ border-color:#633456 }
```

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

Here you see how a box with a 4 pixel #633456 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633456; -webkit-box-shadow:4px 4px  
4px 4px #633456; box-shadow:4px 4px 4px  
4px #633456 }
```

Background

The CSS property to change the background color of an element to Hex 633456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633456 }
```

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

```
.background{ background-color:#633456 }
```

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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