

Converting Colors

Hex(56314E)

Have a look what the booklet for
Hex(56314E) contains.

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Color

Hex(56314E)

Conversions

Conversions Part 1

Format	Color
Hex	56314E
RGB	86, 49, 78
RGB Percent	34%, 19%, 31%
CMY	0.6627, 0.8078, 0.6941
CMYK	0.00, 0.43, 0.09, 0.66
HSL	313°, 27%, 26%
HSV	313°, 43%, 34%
XYZ	6.3112, 4.7251, 7.7871
YIQ	63.3690, 12.7430, 16.8630

Conversions

Conversions Part 2

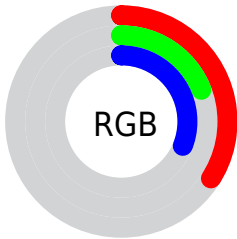
Format	Color
R_{YB}	86, 49, 78
Decimal	5648718
CIE _{Lab}	25.94, 21.71, -10.71
CIE _{LCh}	26, 24.208, 333.735
Yxy	4.7251, 0.3353, 0.2510
Android (android.graphics.Color)	4283838798 (0xFF56314E)
YUV	63.3690, 7.2131, 19.8474
Hunter-Lab	21.7373, 13.7853, -6.0238

Details

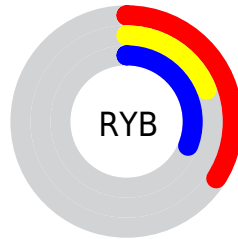
The Hex color **56314E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **315639**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **89607F**, and **280522** is the 20% darker color. If you saturate the color by 10%, you get **56284C**, and if you desaturate by 10%, it is **563A50**.

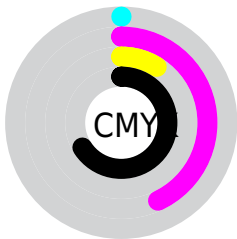
Distribution



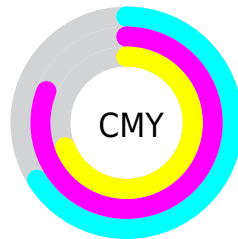
- Red (34%)
- Green (19%)
- Blue (31%)



- Red (34%)
- Yellow (19%)
- Blue (31%)



- Cyan (0%)
- Magenta (43%)
- Yellow (9%)
- Black (66%)



- Cyan (66%)
- Magenta (81%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56314E 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 56314E by changing the saturation by 10% instead.

■ 56314E

■ 56314E

FFFFFF

■ 3E1B37

■ 89607F

■ 280522

■ A37999

■ 070009

■ BF93B4

■ 000000

■ DBAECF

■ F7C9EC

■ FFE6FF

■ 56314E

■ 56314E

■ 56284C

■ 563A50

■ 56204A

■ 564252

■ 561748

■ 564B54

■ 560F47

■ 565355

■ 560645

■ 565C57

■ 560043

■ 566559

■ 566D5B

■ 56765D

■ 567E5F

Harmonies

Analogous

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



42385C



56314E



5F2E3C

Triad

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



56314E



463D18



004651

Complementary

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



56314E



315639

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.



00473F



56314E



33421E

Square

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



56314E



55371D



1B452C



00445E

Rectangle

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



56314E



602F30



1B452C



00474C

Sweetspot

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



56314E



70626D



383156



382F36



B8B8B8



383838

Same Dimension

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



56314E



703664



56313C



2B272A



6B0054



EB00B8

Inverse Universe

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



56314E



703664



31564B



2B272A



6B0054



EB00B8

Previews

White Background



This preview shows how the Hex color 56314E looks on a white background.

Color Contrast Check

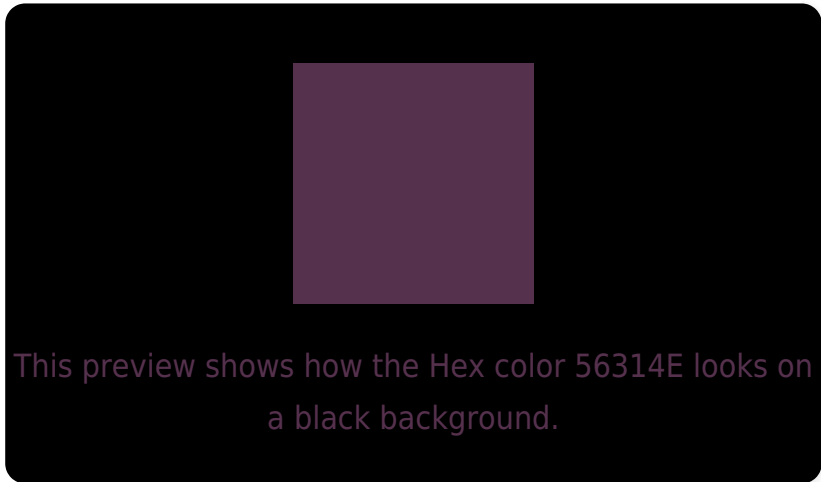
Large Text (above 18pt) WCAG AA ✓ Pass

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

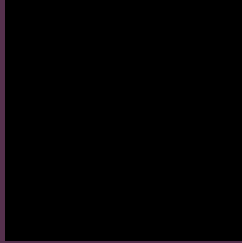
Any Text WCAG AA × Fail

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 56314E Background



This preview shows how black text looks on a background with the Hex color 56314E.



This preview shows how white text looks on a background with the Hex color 56314E.

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
56314E

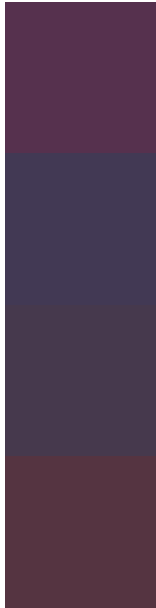
Protanopia
363D57

Deuteranopia
3D3D4C



Tritanopia
543539

Trichromacy



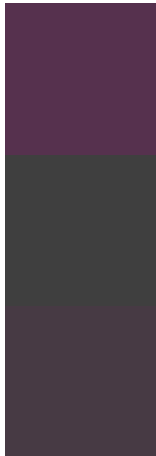
Original Color
56314E

Protanomaly
423954

Deuteranomaly
46394D

Tritanomaly
553441

Monochromacy



Original Color
56314E

Achromatopsia
3F3F3F

Achromatomaly
473A44

CSS Examples

Text

The CSS property to change the color of the text to Hex 56314E 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 #56314E looks like.

```
.text, #text, p{  
    color:#56314E  
}
```

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 #56314E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56314E
}
```

Border

The CSS property to change the border of an element to Hex 56314E is called "border". The border property can be set on classes, ids or directly on the HTML element.

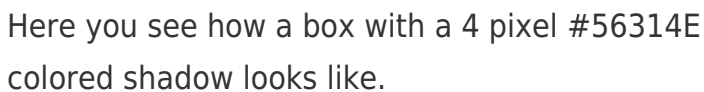
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56314E }
```

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

```
.border{ border-color:#56314E }
```

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



Here you see how a box with a 4 pixel #56314E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56314E; -webkit-box-shadow:4px 4px  
4px 4px #56314E; box-shadow:4px 4px 4px  
4px #56314E }
```

Background

The CSS property to change the background color of an element to Hex 56314E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56314E }
```

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

```
.background{ background-color:#56314E }
```

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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