

Converting Colors

Hex(4E1955)

Have a look what the booklet for
Hex(4E1955) contains.

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Color

Hex(4E1955)

Conversions

Conversions Part 1

Format	Color
Hex	4E1955
RGB	78, 25, 85
RGB Percent	31%, 10%, 33%
CMY	0.6941, 0.9020, 0.6667
CMYK	0.08, 0.71, 0.00, 0.67
HSL	293°, 55%, 22%
HSV	293°, 71%, 33%
XYZ	5.1292, 2.9708, 8.8974
YIQ	47.6870, 12.3280, 29.8960

Conversions

Conversions Part 2

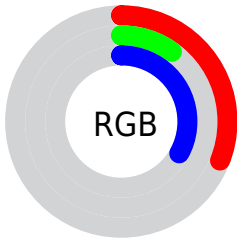
Format	Color
R_{YB}	78, 25, 85
Decimal	5118293
CIE _{Lab}	19.93, 34.09, -24.85
CIE _{LCh}	20, 42.184, 323.914
Yxy	2.9708, 0.3018, 0.1748
Android (android.graphics.Color)	4283308373 (0xFF4E1955)
YUV	47.6870, 18.3953, 26.5845
Hunter-Lab	17.2361, 22.9557, -18.5407

Details

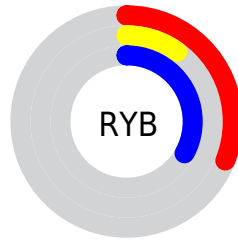
The Hex color **4E1955** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **205519**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **814987**, and **230028** is the 20% darker color. If you saturate the color by 10%, you get **4D1055**, and if you desaturate by 10%, it is **4F2155**.

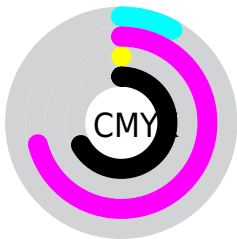
Distribution



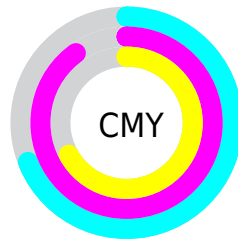
- Red (31%)
- Green (10%)
- Blue (33%)



- Red (31%)
- Yellow (10%)
- Blue (33%)



- Cyan (8%)
- Magenta (71%)
- Yellow (0%)
- Black (67%)



- Cyan (69%)
- Magenta (90%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E1955 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 4E1955 by changing the saturation by 10% instead.

 4E1955

 4E1955

FFFFFF

 36003E

 814987

 230028

 9C62A1

 000111

 B77BBD

 000000

 D396D8

 F0B1F5

 FFCDFD

 FFE9FF

 4E1955

 4E1955

■ 4D1055

■ 4F2155

■ 4C0855

■ 502A55

■ 4B0055

■ 513255

■ 523B55

■ 534355

■ 544C55

■ 555455

■ 565D55

■ 576555

Harmonies

Analogous

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



1B2B69



4E1955



620438

Triad

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



4E1955



422D00



003D48

Complementary

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



4E1955



205519

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.



003D29



4E1955



253600

Square

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



4E1955



581E00



003B06



003C62

Rectangle

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



4E1955



650423



003B06



003D3E

Sweetspot

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



4E1955



6B576E



192055



362A38



B8B8B8



383838

Same Dimension

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



4E1955



63106E



55193E



2B272B



5F006B



CF00EB

Inverse Universe

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



551920



6E101B



195530



2B2728



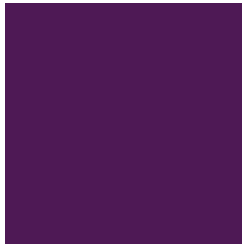
6B000C



EB001B

Previews

White Background



This preview shows how the Hex color 4E1955 looks on a white background.

Color Contrast Check

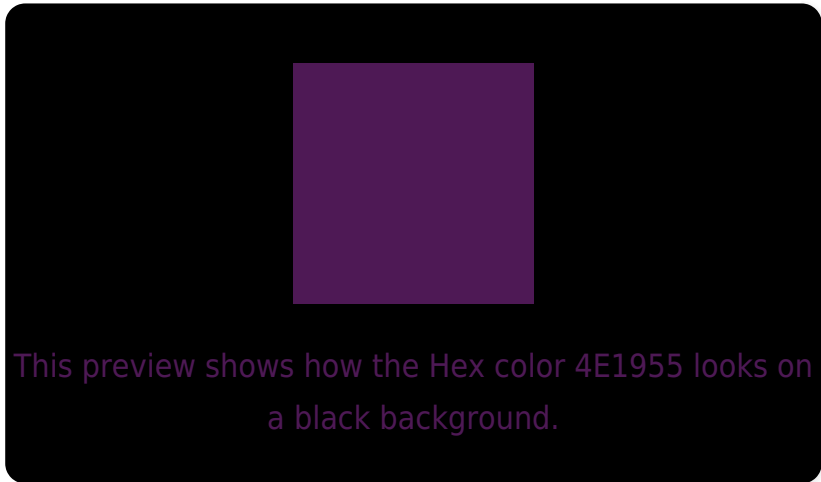
Large Text (above 18pt) WCAG AA ✓ Pass

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

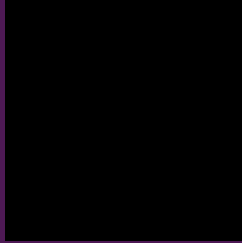
Any Text WCAG AA × Fail

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 4E1955 Background



This preview shows how black text looks on a background with the Hex color 4E1955.



This preview shows how white text looks on a background with the Hex color 4E1955.

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
4E1955

Protanopia
003065

Deuteranopia
1E3251



Tritanopia
49272A

Trichromacy



Original Color
4E1955

Protanomaly
1C285F

Deuteranomaly
2F2952

Tritanomaly
4B223A

Monochromacy



Original Color
4E1955

Achromatopsia
303030

Achromatomaly
3B283D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E1955 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 #4E1955 looks like.

```
.text, #text, p{  
    color:#4E1955  
}
```

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 #4E1955 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E1955  
}
```

Border

The CSS property to change the border of an element to Hex 4E1955 is called "border". The border property can be set on classes, ids or directly on the HTML element.

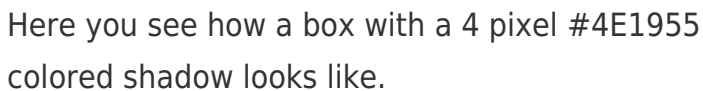
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4E1955 }
```

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

```
.border{ border-color:#4E1955 }
```

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



Here you see how a box with a 4 pixel #4E1955 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E1955; -webkit-box-shadow:4px 4px  
4px 4px #4E1955; box-shadow:4px 4px 4px  
4px #4E1955 }
```

Background

The CSS property to change the background color of an element to Hex 4E1955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E1955 }
```

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

```
.background{ background-color:#4E1955 }
```

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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