

Converting Colors

Hex(52175E)

Have a look what the booklet for
Hex(52175E) contains.

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Color

Hex(52175E)

Conversions

Conversions Part 1

Format	Color
Hex	52175E
RGB	82, 23, 94
RGB Percent	32%, 9%, 37%
CMY	0.6784, 0.9098, 0.6314
CMYK	0.13, 0.76, 0.00, 0.63
HSL	290°, 61%, 23%
HSV	290°, 76%, 37%
XYZ	5.8065, 3.2148, 10.9042
YIQ	48.7350, 12.3730, 34.5890

Conversions

Conversions Part 2

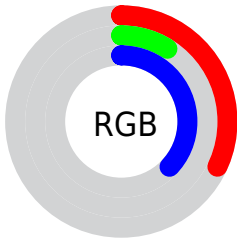
Format	Color
RYB	82, 23, 94
Decimal	5379934
CIELab	20.88, 37.94, -29.28
CIElCh	21, 47.925, 322.336
Yxy	3.2148, 0.2914, 0.1613
Android (android.graphics.Color)	4283570014 (0xFF52175E)
YUV	48.7350, 22.3156, 29.1734
Hunter-Lab	17.9298, 26.4289, -23.5068

Details

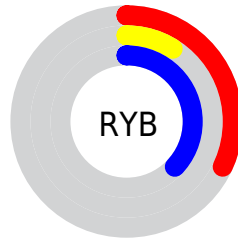
The Hex color **52175E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **235E17**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **864891**, and **250030** is the 20% darker color. If you saturate the color by 10%, you get **500E5E**, and if you desaturate by 10%, it is **54205E**.

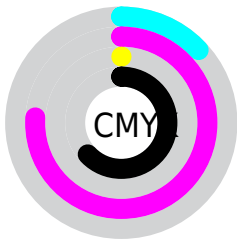
Distribution



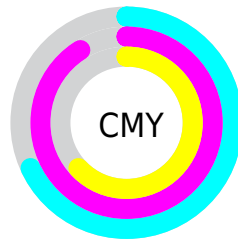
- Red (32%)
- Green (9%)
- Blue (37%)



- Red (32%)
- Yellow (9%)
- Blue (37%)



- Cyan (13%)
- Magenta (76%)
- Yellow (0%)
- Black (63%)



- Cyan (68%)
- Magenta (91%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52175E 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 52175E by changing the saturation by 10% instead.

■ 52175E

■ 52175E

FFFFFF

■ 390046

■ 864891

■ 250030

■ A162AC

■ 00011A

■ BD7BC7

■ 000000

■ D996E3

■ F6B1FF

■ FFCDFE

■ FFE9FF

■ 52175E

■ 52175E

■ 500E5E

■ 54205E

■ 4F045E

■ 552A5E

■ 4E005E

■ 57335E

■ 583D5E

■ 5A465E

■ 5C4F5E

■ 5D595E

■ 5F625E

■ 606C5E

Harmonies

Analogous

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



082D75



52175E



6A003D

Triad

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



52175E



462E00



00414C

Complementary

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



52175E



235E17

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.



004028



52175E



263800

Square

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



52175E



5F1B00



003E00



003F6A

Rectangle

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



52175E



6E0026



003E00



004140

Sweetspot

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



52175E



765E7A



17245E



3A2C3D



BDBDBD



3D3D3D

Same Dimension

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



52175E



680B7A



5E1748



2D292E



5B006E



C500ED

Inverse Universe

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



5E1723



7A0B1E



175E2D



2E292A



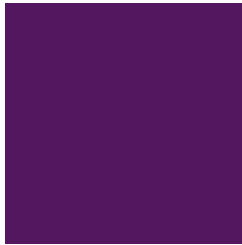
6E0013



ED0028

Previews

White Background



This preview shows how the Hex color 52175E looks on a white background.

Color Contrast Check

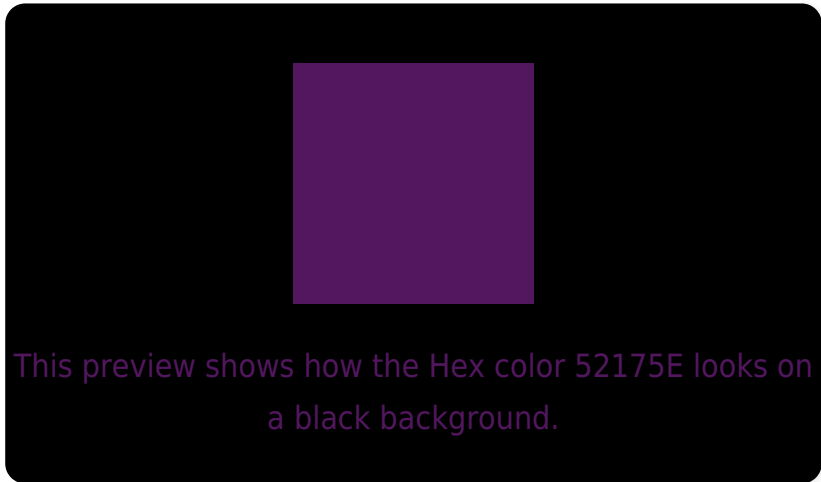
Large Text (above 18pt) WCAG AA ✓ Pass

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

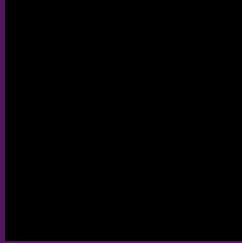
Any Text WCAG AA × Fail

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 52175E Background



This preview shows how black text looks on a background with the Hex color 52175E.

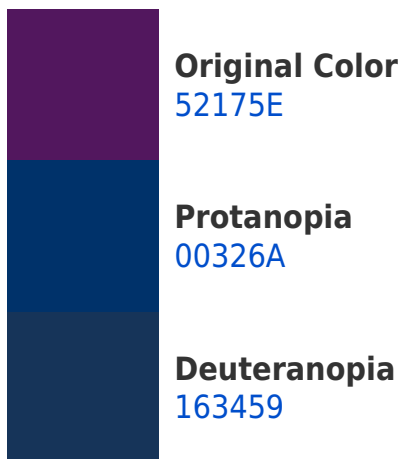


This preview shows how white text looks on a background with the Hex color 52175E.

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





Tritanopia
4B2A2D

Trichromacy



Original Color
52175E

Protanomaly
1E2866

Deuteranomaly
2C295B

Tritanomaly
4E233F

Monochromacy



Original Color
52175E

Achromatopsia
313131

Achromatomaly
3D2841

CSS Examples

Text

The CSS property to change the color of the text to Hex 52175E 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 #52175E looks like.

```
.text, #text, p{  
    color:#52175E  
}
```

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 #52175E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52175E
}
```

Border

The CSS property to change the border of an element to Hex 52175E 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".

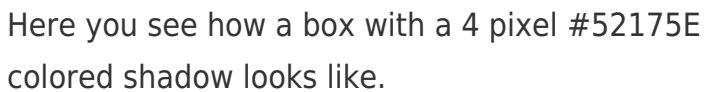
```
.border, #border, table{ border:4px solid
#52175E }
```

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

```
.border{ border-color:#52175E }
```

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

Here you see how a box with a 4 pixel #52175E colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52175E; -webkit-box-shadow:4px 4px  
4px 4px #52175E; box-shadow:4px 4px 4px  
4px #52175E }
```

Background

The CSS property to change the background color of an element to Hex 52175E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52175E }
```

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

```
.background{ background-color:#52175E }
```

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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