

Converting Colors

Hex(5E0028)

Have a look what the booklet for
Hex(5E0028) contains.

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Color

Hex(5E0028)

Conversions

Conversions Part 1

Format	Color
Hex	5E0028
RGB	94, 0, 40
RGB Percent	37%, 0%, 16%
CMY	0.6314, 1.0000, 0.8431
CMYK	0.00, 1.00, 0.57, 0.63
HSL	334°, 100%, 18%
HSV	334°, 100%, 37%
XYZ	4.9991, 2.5329, 2.2329
YIQ	32.6660, 43.1840, 32.3680

Conversions

Conversions Part 2

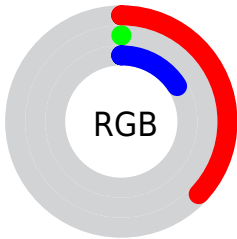
Format	Color
RYB	94, 0, 40
Decimal	6160424
CIELab	18.07, 40.50, 3.99
CIElCh	18, 40.693, 5.630
Yxy	2.5329, 0.5119, 0.2594
Android (android.graphics.Color)	4284350504 (0xFF5E0028)
YUV	32.6660, 3.6157, 53.7899
Hunter-Lab	15.9150, 28.2176, 2.8221

Details

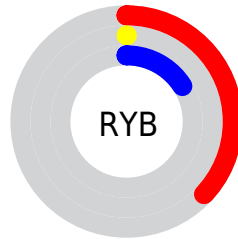
The Hex color **5E0028** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **005E36**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **953B55**, and **2C0001** is the 20% darker color. If you saturate the color by 10%, you get **5E0028**, and if you desaturate by 10%, it is **5E092D**.

Distribution



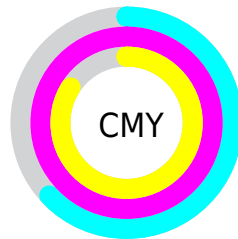
- Red (37%)
- Green (0%)
- Blue (16%)



- Red (37%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (63%)



- Cyan (63%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E0028 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 5E0028 by changing the saturation by 10% instead.

 5E0028

 5E0028

 FFF9FF

 430014

 953B55

 2C0001

 B1546D

 000000

 CE6E86

 EC88A0

 FFA4BB

 FFBFD7

 FFD CF3

 5E0028

 5E092D

 5E1333

 5E1C38

 5E263E

 5E2F43

 5E3848

 5E424E

 5E4B53

 5E5559

Harmonies

Analogous

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



520D45



5E0028



5A0F09

Triad

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



5E0028



143400



003662

Complementary

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



5E0028



005E36

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.



00384E



5E0028



003712

Square

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



5E0028



332D00



003831



002E67

Rectangle

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



5E0028



511C00



003831



00375D

Sweetspot

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



5E0028



7A5665



35005E



3D2731



BDBDBD



3D3D3D

Same Dimension

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



5E0028



7A0034



5E0600



2E292B



6E002F



ED0065

Inverse Universe

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



5E0028



7A0034



00585E



2E292B



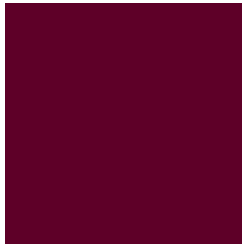
6E002F



ED0065

Previews

White Background



This preview shows how the Hex color 5E0028 looks on a white background.

Color Contrast Check

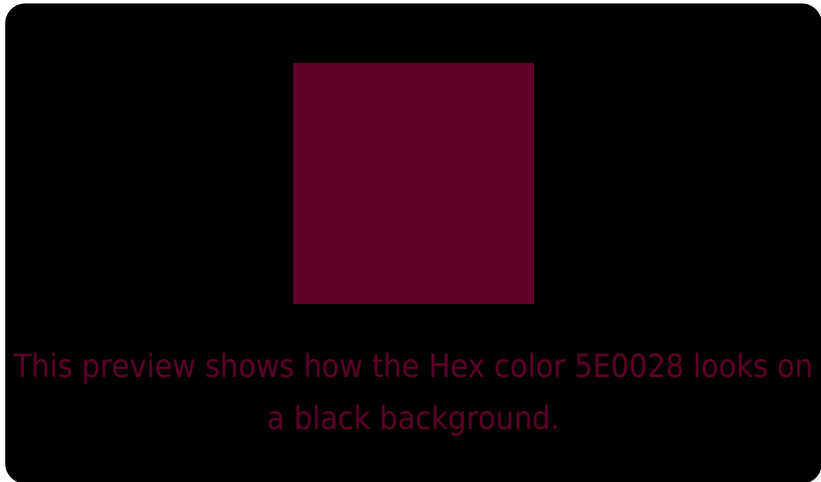
Large Text (above 18pt) WCAG AA ✓ Pass

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

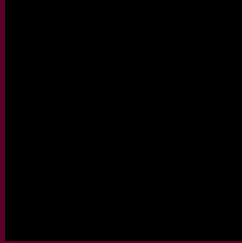
Any Text WCAG AA × Fail

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 5E0028 Background



This preview shows how black text looks on a background with the Hex color 5E0028.



This preview shows how white text looks on a background with the Hex color 5E0028.

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
5E0028

Protanopia
2E303A

Deuteranopia
392E24



Tritanopia
5D100F

Trichromacy



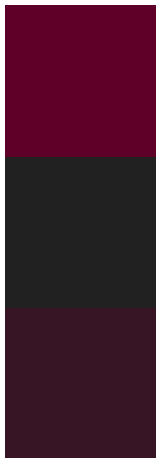
Original Color
5E0028

Protanomaly
3F1F33

Deuteranomaly
461D25

Tritanomaly
5D0A18

Monochromacy



Original Color
5E0028

Achromatopsia
212121

Achromatomaly
371524

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E0028 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 #5E0028 looks like.

```
.text, #text, p{  
    color:#5E0028  
}
```

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 #5E0028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E0028
}
```

Border

The CSS property to change the border of an element to Hex 5E0028 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".

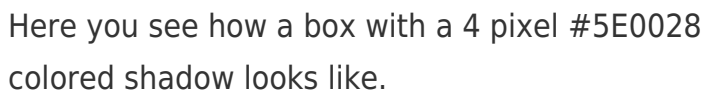
```
.border, #border, table{ border:4px solid
#5E0028 }
```

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

```
.border{ border-color:#5E0028 }
```

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

Here you see how a box with a 4 pixel #5E0028 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E0028; -webkit-box-shadow:4px 4px  
4px 4px #5E0028; box-shadow:4px 4px 4px  
4px #5E0028 }
```

Background

The CSS property to change the background color of an element to Hex 5E0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E0028 }
```

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

```
.background{ background-color:#5E0028 }
```

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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