

Converting Colors

Hex(530024)

Have a look what the booklet for
Hex(530024) contains.

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Color

Hex(530024)

Conversions

Conversions Part 1

Format	Color
Hex	530024
RGB	83, 0, 36
RGB Percent	33%, 0%, 14%
CMY	0.6745, 1.0000, 0.8588
CMYK	0.00, 1.00, 0.57, 0.67
HSL	334°, 100%, 16%
HSV	334°, 100%, 33%
XYZ	3.8857, 1.9664, 1.8438
YIQ	28.9210, 37.9120, 28.7920

Conversions

Conversions Part 2

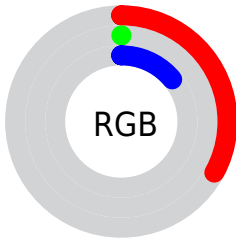
Format	Color
RYB	83, 0, 36
Decimal	5439524
CIELab	15.31, 37.29, 2.62
CIElCh	15, 37.382, 4.024
Yxy	1.9664, 0.5049, 0.2555
Android (android.graphics.Color)	4283629604 (0xFF530024)
YUV	28.9210, 3.4899, 47.4273
Hunter-Lab	14.0227, 24.9227, 2.0200

Details

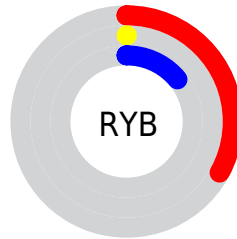
The Hex color **530024** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **00532F**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **893750**, and **1F0001** is the 20% darker color. If you saturate the color by 10%, you get **530024**, and if you desaturate by 10%, it is **530829**.

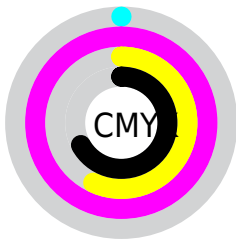
Distribution



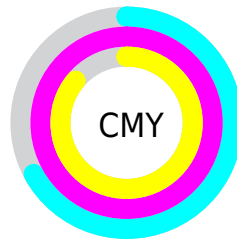
- Red (33%)
- Green (0%)
- Blue (14%)



- Red (33%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (67%)



- Cyan (67%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 530024 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 530024 by changing the saturation by 10% instead.

 530024

 530024

 FFF3FF

 3A000E

 893750

 1F0001

 A55068

 000000

 C16A81

 DE849B

 FC9FB6

 FFBAD2

 FFD7EE

 530024

■ 530829

■ 53112D

■ 531932

■ 532137

■ 53293B

■ 533240

■ 533A45

■ 53424A

■ 534B4E

Harmonies

Analogous

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



480C3E



530024



500B07

Triad

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



530024



132D00



002F56

Complementary

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



530024



00532F

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.



003143



530024



00300C

Square

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



530024



2E2600



003129



00295C

Rectangle

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



530024



481700



003129



003051

Sweetspot

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



530024



6B4B59



2E0053



36222B



B5B5B5



363636

Same Dimension

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



530024



6B002E



530400



292526



69002D



E80065

Inverse Universe

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



530024



6B002E



004F53



292526



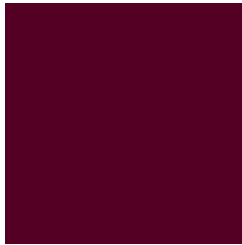
69002D



E80065

Previews

White Background



This preview shows how the Hex color 530024 looks on a white background.

Color Contrast Check

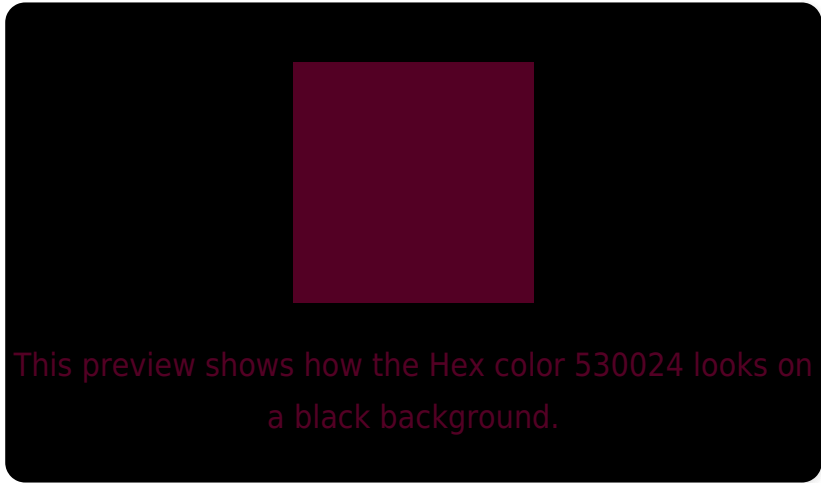
Large Text (above 18pt) WCAG AA ✓ Pass

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

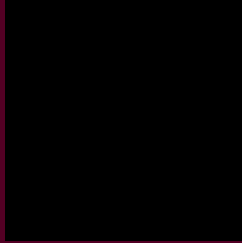
Any Text WCAG AA × Fail

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 530024 Background



This preview shows how black text looks on a background with the Hex color 530024.



This preview shows how white text looks on a background with the Hex color 530024.

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
530024

Protanopia
292A34

Deuteranopia
322921



Tritanopia
520E0E

Trichromacy



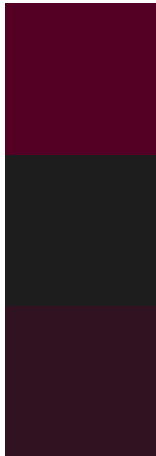
Original Color
530024

Protanomaly
381B2E

Deuteranomaly
3E1A22

Tritanomaly
520916

Monochromacy



Original Color
530024

Achromatopsia
1D1D1D

Achromatomaly
311220

CSS Examples

Text

The CSS property to change the color of the text to Hex 530024 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 #530024 looks like.

```
.text, #text, p{  
    color:#530024  
}
```

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 #530024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #530024
}
```

Border

The CSS property to change the border of an element to Hex 530024 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".

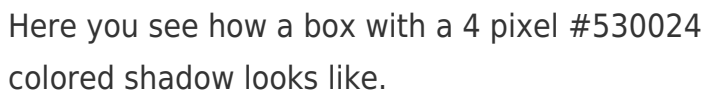
```
.border, #border, table{ border:4px solid
#530024 }
```

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

```
.border{ border-color:#530024 }
```

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

Here you see how a box with a 4 pixel #530024 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 #530024; -webkit-box-shadow:4px 4px  
4px 4px #530024; box-shadow:4px 4px 4px  
4px #530024 }
```

Background

The CSS property to change the background color of an element to Hex 530024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#530024 }
```

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

```
.background{ background-color:#530024 }
```

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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