

Converting Colors

Hex(30050E)

Have a look what the booklet for
Hex(30050E) contains.

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Color

Hex(30050E)

Conversions

Conversions Part 1

Format	Color
Hex	30050E
RGB	48, 5, 14
RGB Percent	19%, 2%, 5%
CMY	0.8118, 0.9804, 0.9451
CMYK	0.00, 0.90, 0.71, 0.81
HSL	347°, 81%, 10%
HSV	347°, 90%, 19%
XYZ	1.3525, 0.7686, 0.4925
YIQ	18.8830, 22.7390, 11.9150

Conversions

Conversions Part 2

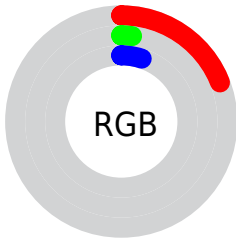
Format	Color
RYB	48, 5, 14
Decimal	3147022
CIELab	6.94, 22.27, 4.93
CIElCh	7, 22.808, 12.472
Yxy	0.7686, 0.5175, 0.2941
Android (android.graphics.Color)	4281337102 (0xFF30050E)
YUV	18.8830, -2.4073, 25.5356
Hunter-Lab	8.7671, 12.1938, 2.8061

Details

The Hex color **30050E** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **053027**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **613239**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **30000A**, and if you desaturate by 10%, it is **300A12**.

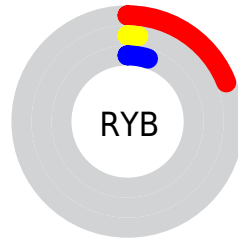
Distribution



Red (19%)

Green (2%)

Blue (5%)



Red (19%)

Yellow (2%)

Blue (5%)

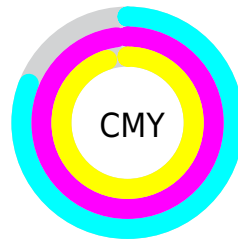


Cyan (0%)

Magenta (90%)

Yellow (71%)

Black (81%)



Cyan (81%)

Magenta (98%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30050E 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 30050E by changing the saturation by 10% instead.

 30050E

 30050E

 FFE7EE

 140000

 613239

 000000

 7B4950

 956168

 B17A81

 CD949B

 E9AFB6

 FFCBD1

 30050E

 30050E

■ 30000A

■ 300A12

■ 300F16

■ 301319

■ 30181D

■ 301D21

■ 302225

■ 302729

■ 302B2C

■ 303030

Harmonies

Analogous

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



2B071F



30050E



2D0A00

Triad

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



30050E



001B00



001A32

Complementary

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



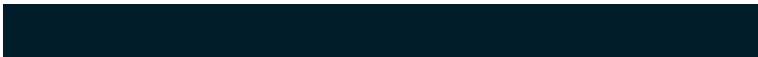
30050E



053027

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.



001D29



30050E



001D08

Square

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



30050E



161700



001E1B



001533

Rectangle

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



30050E



270F00



001E1B



001B30

Sweetspot

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



30050E



3D2D30



270530



1F1517



9E9E9E



1F1F1F

Same Dimension

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



30050E



3D000D



301105



171515



570012



D6002D

Inverse Universe

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



30050E



3D000D



052430



171515



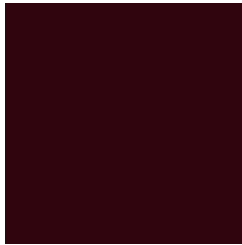
570012



D6002D

Previews

White Background



This preview shows how the Hex color 30050E looks on a white background.

Color Contrast Check

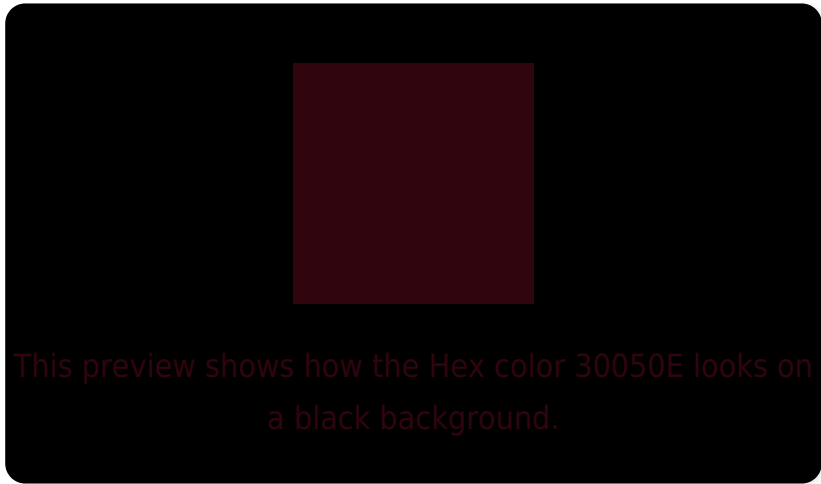
Large Text (above 18pt) WCAG AA ✓ Pass

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

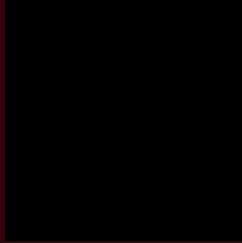
Any Text WCAG AA × Fail

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 30050E Background



This preview shows how black text looks on a background with the Hex color 30050E.

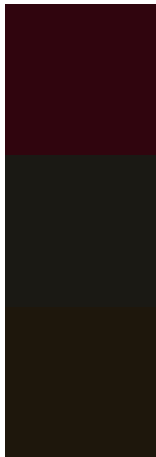


This preview shows how white text looks on a background with the Hex color 30050E.

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
30050E

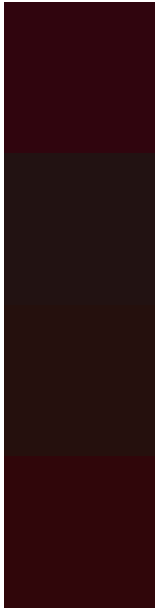
Protanopia
1A1914

Deuteranopia
1E170C



Tritanopia
300707

Trichromacy



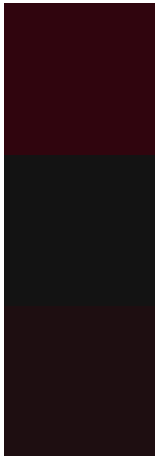
Original Color
30050E

Protanomaly
221212

Deuteranomaly
25100D

Tritanomaly
30060A

Monochromacy



Original Color
30050E

Achromatopsia
131313

Achromatomaly
1E0E11

CSS Examples

Text

The CSS property to change the color of the text to Hex 30050E 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 #30050E looks like.

```
.text, #text, p{  
    color:#30050E  
}
```

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 #30050E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30050E
}
```

Border

The CSS property to change the border of an element to Hex 30050E 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".

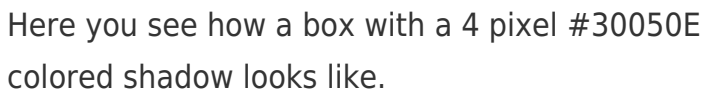
```
.border, #border, table{ border:4px solid
#30050E }
```

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

```
.border{ border-color:#30050E }
```

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

Here you see how a box with a 4 pixel #30050E 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 #30050E; -webkit-box-shadow:4px 4px  
4px 4px #30050E; box-shadow:4px 4px 4px  
4px #30050E }
```

Background

The CSS property to change the background color of an element to Hex 30050E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30050E }
```

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

```
.background{ background-color:#30050E }
```

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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