

Converting Colors

Hex(240707)

Have a look what the booklet for
Hex(240707) contains.

Hex(240707)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(240707)

Conversions

Conversions Part 1

Format	Color
Hex	240707
RGB	36, 7, 7
RGB Percent	14%, 3%, 3%
CMY	0.8588, 0.9725, 0.9725
CMYK	0.00, 0.81, 0.81, 0.86
HSL	0°, 67%, 8%
HSV	0°, 81%, 14%
XYZ	0.8419, 0.5424, 0.2613
YIQ	15.6710, 17.2840, 6.1480

Conversions

Conversions Part 2

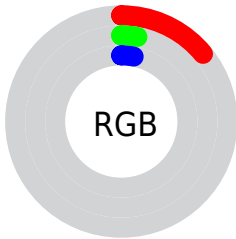
Format	Color
RYB	36, 7, 7
Decimal	2361095
CIELab	4.90, 13.37, 4.71
CIElCh	5, 14.175, 19.402
Yxy	0.5424, 0.5116, 0.3296
Android (android.graphics.Color)	4280551175 (0xFF240707)
YUV	15.6710, -4.2748, 17.8285
Hunter-Lab	7.3645, 7.5174, 3.0513

Details

The Hex color **240707** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **072424**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **513334**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **240303**, and if you desaturate by 10%, it is **240B0B**.

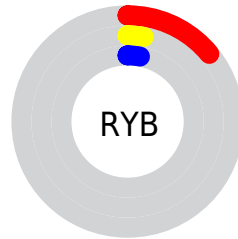
Distribution



Red (14%)

Green (3%)

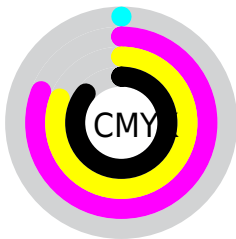
Blue (3%)



Red (14%)

Yellow (3%)

Blue (3%)

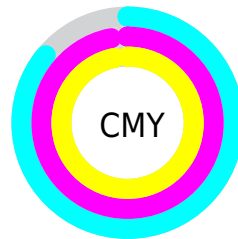


Cyan (0%)

Magenta (81%)

Yellow (81%)

Black (86%)



Cyan (86%)

Magenta (97%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240707 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 240707 by changing the saturation by 10% instead.

 240707

 240707

 FFE7E8

 000000

 513334

 694A4B

 836263

 9D7B7C

 B89596

 D4B0B0

 F1CBCC

 240707

 240707

■ 240303

■ 240B0B

■ 240000

■ 240E0E

■ 241212

■ 241515

■ 241919

■ 241D1D

■ 242020

■ 242424

■ 242727

Harmonies

Analogous

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



210715



240707



220A00

Triad

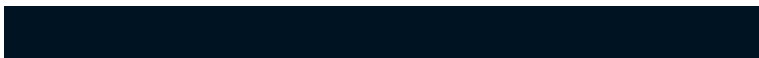
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240707



001500



001323

Complementary

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



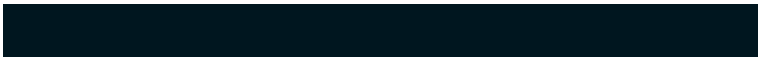
240707



072424

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.



00161F



240707



00170B

Square

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



240707



0F1300



001717



0D0F23

Rectangle

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



240707



1D0D00



001717



001422

Sweetspot

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



240707



2E2323



240724



171010



969696



171717

Same Dimension

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



240707



2E0101



241507



121010



520000



D10000

Inverse Universe

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



072424



012E2E



071524



101212



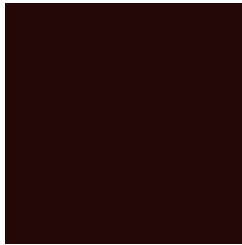
005252



00D1D1

Previews

White Background



This preview shows how the Hex color 240707 looks on a white background.

Color Contrast Check

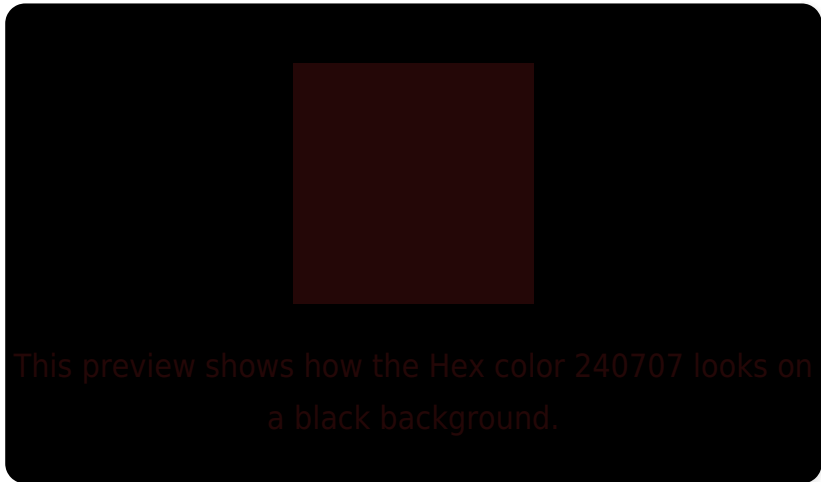
Large Text (above 18pt) WCAG AA ✓ Pass

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

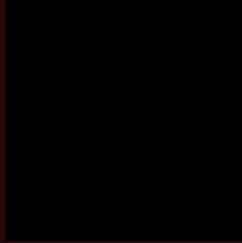
Any Text WCAG AA × Fail

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 240707 Background



This preview shows how black text looks on a background with the Hex color 240707.



This preview shows how white text looks on a background with the Hex color 240707.

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
240707

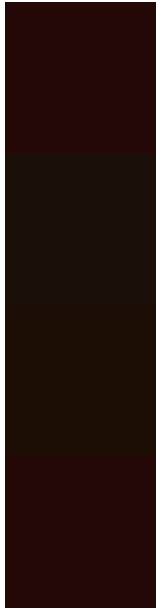
Protanopia
15130A

Deuteranopia
181204



Tritanopia
240707

Trichromacy



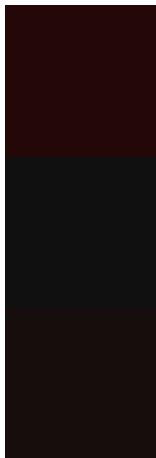
Original Color
240707

Protanomaly
1A0F09

Deuteranomaly
1C0E05

Tritanomaly
240707

Monochromacy



Original Color
240707

Achromatopsia
101010

Achromatomaly
170D0D

CSS Examples

Text

The CSS property to change the color of the text to Hex 240707 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 #240707 looks like.

```
.text, #text, p{  
    color:#240707  
}
```

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 #240707 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240707
}
```

Border

The CSS property to change the border of an element to Hex 240707 is called "border". The border property can be set on classes, ids or directly on the HTML element.

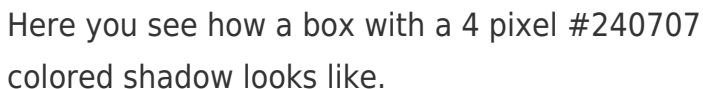
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#240707 }
```

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

```
.border{ border-color:#240707 }
```

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



Here you see how a box with a 4 pixel #240707 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240707; -webkit-box-shadow:4px 4px  
4px 4px #240707; box-shadow:4px 4px 4px  
4px #240707 }
```

Background

The CSS property to change the background color of an element to Hex 240707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240707 }
```

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

```
.background{ background-color:#240707 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor