

Converting Colors

Hex(007313)

Have a look what the booklet for
Hex(007313) contains.

Hex(007313)	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(007313)

Conversions

Conversions Part 1

Format	Color
Hex	007313
RGB	0, 115, 19
RGB Percent	0%, 45%, 7%
CMY	1.0000, 0.5490, 0.9255
CMYK	1.00, 0.00, 0.83, 0.55
HSL	130°, 100%, 23%
HSV	130°, 100%, 45%
XYZ	6.2483, 12.3085, 2.6626
YIQ	69.6710, -37.7240, -54.2360

Conversions

Conversions Part 2

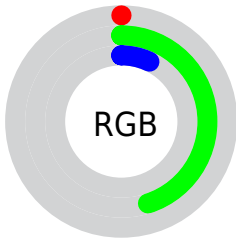
Format	Color
RYB	0, 99, 115
Decimal	29459
CIELab	41.70, -46.92, 41.44
CIElCh	42, 62.598, 138.553
Yxy	12.3085, 0.2945, 0.5801
Android (android.graphics.Color)	4278219539 (0xFF007313)
YUV	69.6710, -24.9808, -61.1015
Hunter-Lab	35.0835, -29.6056, 20.0588

Details

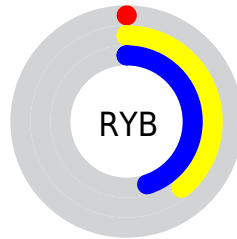
The Hex color **007313** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **730060**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4CA847**, and **004100** is the 20% darker color. If you saturate the color by 10%, you get **007313**, and if you desaturate by 10%, it is **0B731D**.

Distribution



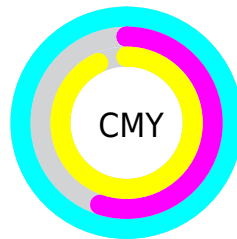
- Red (0%)
- Green (45%)
- Blue (7%)



- Red (0%)
- Yellow (39%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (83%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007313 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 007313 by changing the saturation by 10% instead.

 007313

 007313

FFFFFF

 005A00

 4CA847

 004100

 69C460

 002C00

 85E07A

 000C00

 A1FD95

 000000

 BEFFB0

 DBFFCC

 F8FFE8

 007313

 0B731D


 177326

 237330

 2E7339

 3A7343

 45734D

 517356

 5C7360

 687369

Harmonies

Analogous

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



5A6A00



007313



00784C

Triad

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



007313



006EC8



BB2545

Complementary

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



007313



730060

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.



B32678



007313



235EC5

Square

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



007313



0077AF



8B43A7



AA4012

Rectangle

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



007313



007970



8B43A7



BB2056

Sweetspot

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



007313



699671



627300



314D36



CCCCCC



4D4D4D

Same Dimension

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



007313



009619



00734B



353B36



007A14



00FA29

Inverse Universe

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



730060



96007E



730028



3B353A



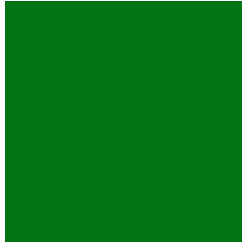
7A0066



FA00D1

Previews

White Background



This preview shows how the Hex color 007313 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 007313 Background



This preview shows how black text looks on a background with the Hex color 007313.



This preview shows how white text looks on a background with the Hex color 007313.

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
306B74

Trichromacy



Original Color
007313



Protanomaly
476910



Deuteranomaly
4E651B



Tritanomaly
1F6E51

Monochromacy



Original Color
007313



Achromatopsia
464646



Achromatomaly
2D5633

CSS Examples

Text

The CSS property to change the color of the text to Hex 007313 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 #007313 looks like.

```
.text, #text, p{  
    color:#007313  
}
```

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 #007313 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007313
}
```

Border

The CSS property to change the border of an element to Hex 007313 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
#007313 }
```

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

```
.border{ border-color:#007313 }
```

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

Here you see how a box with a 4 pixel #007313 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007313; -webkit-box-shadow:4px 4px  
4px 4px #007313; box-shadow:4px 4px 4px  
4px #007313 }
```

Background

The CSS property to change the background color of an element to Hex 007313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007313 }
```

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

```
.background{ background-color:#007313 }
```

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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