

Converting Colors

Hex(345910)

Have a look what the booklet for
Hex(345910) contains.

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Color

Hex(345910)

Conversions

Conversions Part 1

Format	Color
Hex	345910
RGB	52, 89, 16
RGB Percent	20%, 35%, 6%
CMY	0.7961, 0.6510, 0.9373
CMYK	0.42, 0.00, 0.82, 0.65
HSL	90°, 70%, 21%
HSV	90°, 82%, 35%
XYZ	5.0821, 7.9122, 1.7496
YIQ	69.6150, 1.3810, -30.5470

Conversions

Conversions Part 2

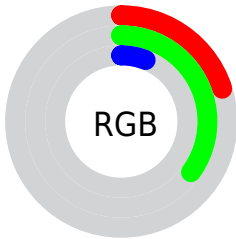
Format	Color
RYB	16, 89, 53
Decimal	3430672
CIELab	33.80, -26.29, 35.39
CIElCh	34, 44.086, 126.601
Yxy	7.9122, 0.3447, 0.5366
Android (android.graphics.Color)	4281620752 (0xFF345910)
YUV	69.6150, -26.4322, -15.4484
Hunter-Lab	28.1287, -16.9752, 16.0023

Details

The Hex color **345910** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **351059**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **668B41**, and **012B00** is the 20% darker color. If you saturate the color by 10%, you get **2F5907**, and if you desaturate by 10%, it is **395919**.

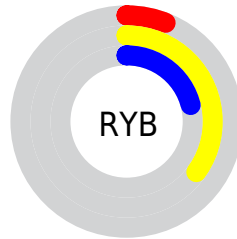
Distribution



Red (20%)

Green (35%)

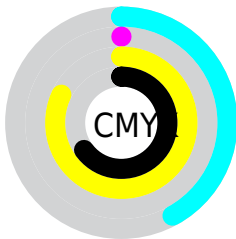
Blue (6%)



Red (6%)

Yellow (35%)

Blue (21%)

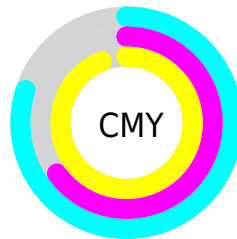


Cyan (42%)

Magenta (0%)

Yellow (82%)

Black (65%)



Cyan (80%)

Magenta (65%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345910 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 345910 by changing the saturation by 10% instead.

 345910

 345910

FFFFFFC

 1C4100

 668B41

 012B00

 80A659

 001600

 9BC173

 000000

 B7DD8D

 D3FAA8

 EFFF3

 FFFFDF

 345910

 345910

■ 2F5907

■ 395919

■ 2C5900

■ 3D5922

■ 42592B

■ 465934

■ 4B593D

■ 4F5945

■ 54594E

■ 585957

■ 5D5960

Harmonies

Analogous

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



595000



345910



005E32

Triad

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



345910



005A90



8D2B49

Complementary

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



345910



351059

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.



7F326C



345910



005195

Square

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



345910



005F78



5A4388



893428

Rectangle

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



345910



005F4A



5A4388



8B2C55

Sweetspot

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



345910



647356



593510



323B29



BABABA



3B3B3B

Same Dimension

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



345910



3A7302



105910



292B27



356B00



74EB00

Inverse Universe

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



351059



3B0273



591059



29272B



36006B



7700EB

Previews

White Background



This preview shows how the Hex color 345910 looks on a white background.

Color Contrast Check

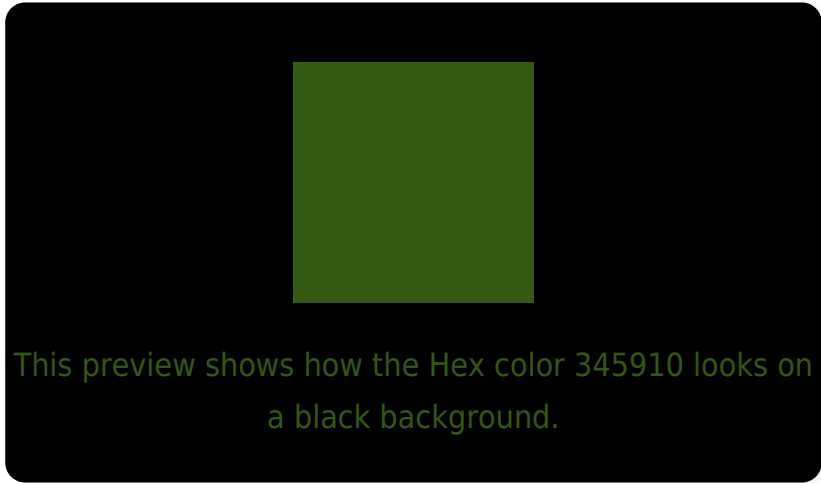
Large Text (above 18pt) WCAG AA ✓ Pass

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

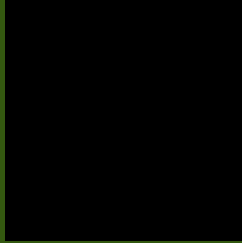
Any Text WCAG AA × Fail

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 345910 Background



This preview shows how black text looks on a background with the Hex color 345910.



This preview shows how white text looks on a background with the Hex color 345910.

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
345910

Protanopia
59500D

Deuteranopia
634B17



Tritanopia
3E5359

Trichromacy



Original Color

345910

Protanomaly

4C530E

Deuteranomaly

525014

Tritanomaly

3A553E

Monochromacy



Original Color

345910

Achromatopsia

464646

Achromatomaly

3F4D32

CSS Examples

Text

The CSS property to change the color of the text to Hex 345910 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 #345910 looks like.

```
.text, #text, p{  
    color:#345910  
}
```

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 #345910 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345910
}
```

Border

The CSS property to change the border of an element to Hex 345910 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".

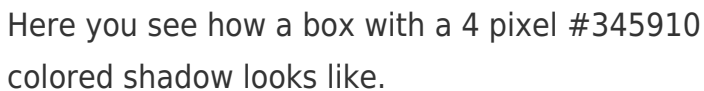
```
.border, #border, table{ border:4px solid
#345910 }
```

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

```
.border{ border-color:#345910 }
```

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

Here you see how a box with a 4 pixel #345910 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345910; -webkit-box-shadow:4px 4px  
4px 4px #345910; box-shadow:4px 4px 4px  
4px #345910 }
```

Background

The CSS property to change the background color of an element to Hex 345910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345910 }
```

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

```
.background{ background-color:#345910 }
```

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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