

# Converting Colors

Hex(35150A)

Have a look what the booklet for  
Hex(35150A) contains.

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**Color**

**Hex(35150A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35150A
RGB	53, 21, 10
RGB Percent	21%, 8%, 4%
CMY	0.7922, 0.9176, 0.9608
CMYK	0.00, 0.60, 0.81, 0.79
HSL	15°, 68%, 12%
HSV	15°, 81%, 21%
XYZ	1.7912, 1.3151, 0.4466
YIQ	29.3140, 22.6030, 3.3630

# Conversions

## Conversions Part 2

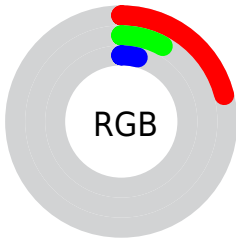
Format	Color
<b>R<sub>YB</sub></b>	53, 25, 10
Decimal	3478794
CIE Lab	11.38, 15.03, 13.23
CIE LCh	11, 20.030, 41.355
Yxy	1.3151, 0.5041, 0.3702
Android (android.graphics.Color)	4281668874 (0xFF35150A)
YUV	29.3140, -9.5218, 20.7726
Hunter-Lab	11.4679, 7.8107, 5.7186

# Details


The Hex color **35150A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0A2A35**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **664036**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **351105**, and if you desaturate by 10%, it is **35190F**.

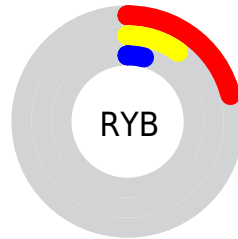
# Distribution



 Red (21%)

 Green (8%)

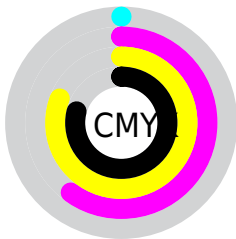
 Blue (4%)



 Red (21%)

 Yellow (10%)

 Blue (4%)

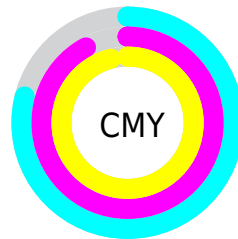


 Cyan (0%)

 Magenta (60%)

 Yellow (81%)

 Black (79%)



 Cyan (79%)

 Magenta (92%)

 Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35150A 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 35150A by changing the saturation by 10% instead.



 35150A

 35150A

 FFF8EA

 200000

 664036

 000000

 80584D

 9B7165

 B68A7E

 D2A597

 EFC0B2

 FFDCCCE

 35150A

 35150A

■ 351105

■ 35190F

■ 350E00

■ 351D15

■ 35211A

■ 35251F

■ 352925

■ 352D2A

■ 35312F

■ 353534

■ 35383A

# Harmonies

## Analogous

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



37121A



35150A



2E1A00

# Triad

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



35150A



002415



0E1E39

# Complementary

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



35150A



0A2A35

# 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.



002238



35150A



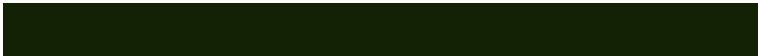
002523

# Square

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



35150A



132204



002430



261833

# Rectangle

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



35150A



261E00



002430



01203A



# Sweetspot

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



35150A



453934



350A2A



241C19



A3A3A3



242424



# Same Dimension

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



35150A



451302



352A0A



1A1817



591700



D93700



# Inverse Universe

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



0A2A35



023445



0A1535



17191A



004259

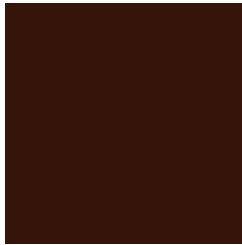


00A1D9



# Previews

## White Background



This preview shows how the Hex color 35150A looks on a white background.

## Color Contrast Check

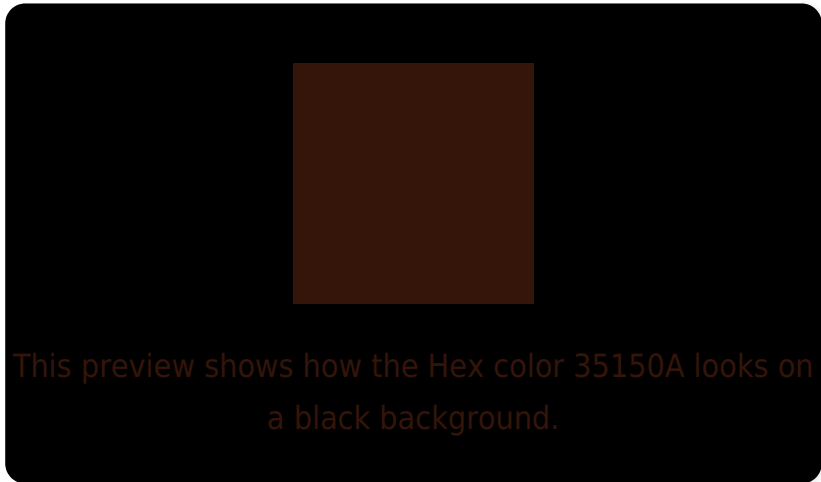
Large Text (above 18pt) WCAG AA ✓ Pass

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

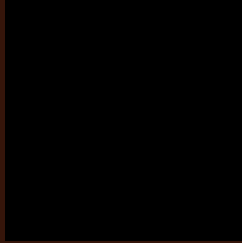
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 35150A Background



This preview shows how black text looks on a background with the Hex color 35150A.

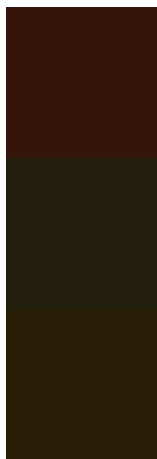


This preview shows how white text looks on a background with the Hex color 35150A.

# 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**  
35150A

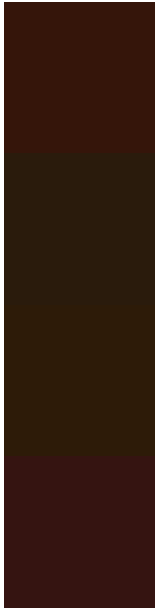
**Protanopia**  
231F0D

**Deuteranopia**  
281E07



**Tritanopia**  
351415

# Trichromacy



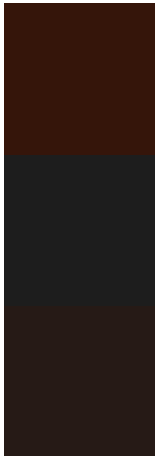
**Original Color**  
35150A

**Protanomaly**  
2A1B0C

**Deuteranomaly**  
2D1B08

**Tritanomaly**  
351411

# Monochromacy



**Original Color**  
35150A

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
261A16

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35150A 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 #35150A looks like.

```
.text, #text, p{  
    color:#35150A  
}
```

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 #35150A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35150A
}
```

## Border

The CSS property to change the border of an element to Hex 35150A 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".

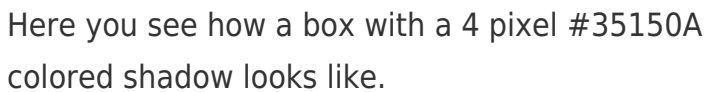
```
.border, #border, table{ border:4px solid
#35150A }
```

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

```
.border{ border-color:#35150A }
```

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

Here you see how a box with a 4 pixel #35150A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35150A; -webkit-box-shadow:4px 4px  
4px 4px #35150A; box-shadow:4px 4px 4px  
4px #35150A }
```

# Background

The CSS property to change the background color of an element to Hex 35150A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35150A }
```

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

```
.background{ background-color:#35150A }
```

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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