

# Converting Colors

Hex(105110)

Have a look what the booklet for  
Hex(105110) contains.

<b>Hex(105110)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(105110)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	105110
RGB	16, 81, 16
RGB Percent	6%, 32%, 6%
CMY	0.9373, 0.6824, 0.9373
CMYK	0.80, 0.00, 0.80, 0.68
HSL	120°, 67%, 19%
HSV	120°, 80%, 32%
XYZ	3.2496, 6.0324, 1.4833
YIQ	54.1550, -17.8750, -33.9950

# Conversions

## Conversions Part 2

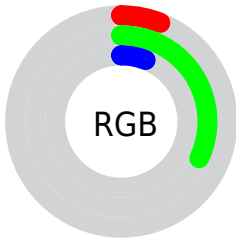
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 81, 81
Decimal	1069328
CIE <sub>Lab</sub>	29.49, -33.81, 30.67
CIE <sub>LCh</sub>	29, 45.652, 137.789
Yxy	6.0324, 0.3019, 0.5604
Android (android.graphics.Color)	4279259408 (0xFF105110)
YUV	54.1550, -18.8104, -33.4619
Hunter-Lab	24.5610, -19.3646, 13.6120

# Details

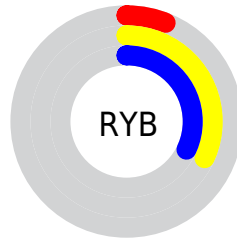
The Hex color **105110** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **511051**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **47833F**, and **002500** is the 20% darker color. If you saturate the color by 10%, you get **085108**, and if you desaturate by 10%, it is **185118**.

# Distribution



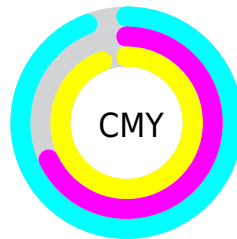
- Red (6%)
- Green (32%)
- Blue (6%)



- Red (6%)
- Yellow (32%)
- Blue (32%)



- Cyan (80%)
- Magenta (0%)
- Yellow (80%)
- Black (68%)



- Cyan (94%)
- Magenta (68%)
- Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 105110 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 105110 by changing the saturation by 10% instead.



 105110

 105110

 FFFFF9

 003900

 47833F

 002500

 619E57

 000000

 7CB970

 97D58A

 B2F1A5

 CEFFC0

 EBFFDC

 105110

 105110

■ 085108

■ 185118

■ 005100

■ 205120

■ 285128

■ 305130

■ 395139

■ 415141

■ 495149

■ 515151

■ 595159

# Harmonies

## Analogous

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



414A00



105110



005435

# Triad

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



105110



004E8B



831F32

# Complementary

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



105110



511051

# 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.



7D2056



105110



1E428A

# Square

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



105110



00547A



613176



782E11

# Rectangle

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



105110



00554E



613176



831C3E



# Sweetspot

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



105110



4F694F



515110



263626



B5B5B5



363636



# Same Dimension

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



105110



046904



105131



252925



006900



00E800



# Inverse Universe

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



511051



690469



511031



292529



690069

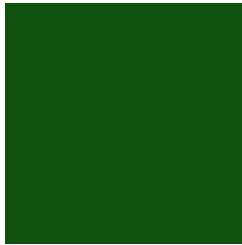


E800E8



# Previews

## White Background



This preview shows how the Hex color 105110 looks on a white background.

## Color Contrast Check

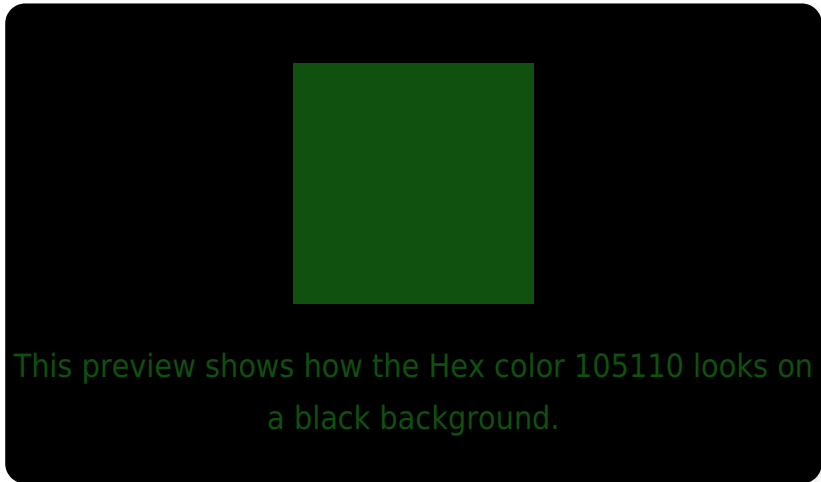
Large Text (above 18pt) WCAG AA ✓ Pass

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

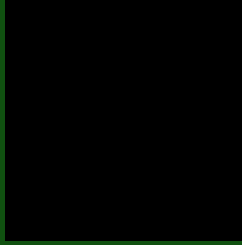
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 105110 Background



This preview shows how black text looks on a background with the Hex color 105110.



This preview shows how white text looks on a background with the Hex color 105110.

# 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**  
105110

**Protanopia**  
4E460D

**Deuteranopia**  
574217



**Tritanopia**  
244B52

# Trichromacy



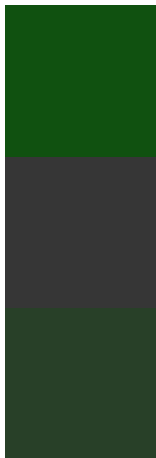
**Original Color**  
105110

**Protanomaly**  
374A0E

**Deuteranomaly**  
3D4714

**Tritanomaly**  
1D4D3A

# Monochromacy



**Original Color**  
105110

**Achromatopsia**  
363636

**Achromatomaly**  
284028

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 105110 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 #105110 looks like.

```
.text, #text, p{  
    color:#105110  
}
```

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 #105110 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #105110
}
```

## Border

The CSS property to change the border of an element to Hex 105110 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
#105110 }
```

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

```
.border{ border-color:#105110 }
```

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

Here you see how a box with a 4 pixel #105110 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #105110; -webkit-box-shadow:4px 4px  
4px 4px #105110; box-shadow:4px 4px 4px  
4px #105110 }
```

# Background

The CSS property to change the background color of an element to Hex 105110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#105110 }
```

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

```
.background{ background-color:#105110 }
```

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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