

Converting Colors

Hex(107A21)

Have a look what the booklet for
Hex(107A21) contains.

Hex(107A21)	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(107A21)

Conversions

Conversions Part 1

Format	Color
Hex	107A21
RGB	16, 122, 33
RGB Percent	6%, 48%, 13%
CMY	0.9373, 0.5216, 0.8706
CMYK	0.87, 0.00, 0.73, 0.52
HSL	130°, 77%, 27%
HSV	130°, 87%, 48%
XYZ	7.4477, 14.1390, 3.7754
YIQ	80.1600, -34.6070, -50.1510

Conversions

Conversions Part 2

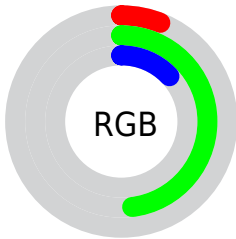
Format	Color
RYB	16, 107, 122
Decimal	1079841
CIELab	44.43, -46.52, 38.97
CIELCh	44, 60.690, 140.044
Yxy	14.1390, 0.2937, 0.5575
Android (android.graphics.Color)	4279269921 (0xFF107A21)
YUV	80.1600, -23.2499, -56.2683
Hunter-Lab	37.6019, -30.4482, 20.3683

Details

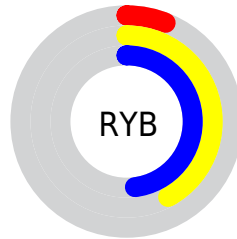
The Hex color **107A21** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7A1069**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **53B053**, and **004800** is the 20% darker color. If you saturate the color by 10%, you get **047A17**, and if you desaturate by 10%, it is **1C7A2B**.

Distribution



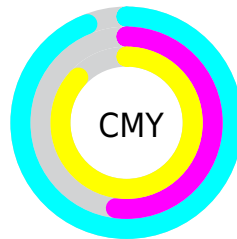
- Red (6%)
- Green (48%)
- Blue (13%)



- Red (6%)
- Yellow (42%)
- Blue (48%)



- Cyan (87%)
- Magenta (0%)
- Yellow (73%)
- Black (52%)



- Cyan (94%)
- Magenta (52%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 107A21 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 107A21 by changing the saturation by 10% instead.

 107A21

 107A21

FFFFFFF

 006004

 53B053

 004800

 6FCB6C

 003100

 8BE886

 001800

 A8FFA1

 000000

 C4FFBD

 E2FFD9

 FFFFF6

 107A21

 107A21

■ 047A17

■ 1C7A2B

■ 007A14

■ 287A35

■ 357A40

■ 417A4A

■ 4D7A54

■ 597A5E

■ 657A69

■ 727A73

■ 7E7A7D

Harmonies

Analogous

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



5F7100



107A21



007E56

Triad

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



107A21



0074CD



C1334A

Complementary

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



107A21



7A1069

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.



BA327C



107A21



3D63C9

Square

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



107A21



007DB6



944AAB



AF4A1A

Rectangle

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



107A21



008079



944AAB



C12F5A

Sweetspot

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



107A21



759E7C



6A7A10



374F3A



CFCFCF



4F4F4F

Same Dimension

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



107A21



009E19



107A55



373D38



007D14



00FC28

Inverse Universe

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



7A1069



9E0085



7A1035



3D373C



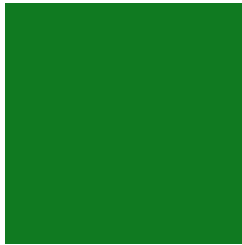
7D0069



FC00D4

Previews

White Background



This preview shows how the Hex color 107A21 looks on a white background.

Color Contrast Check

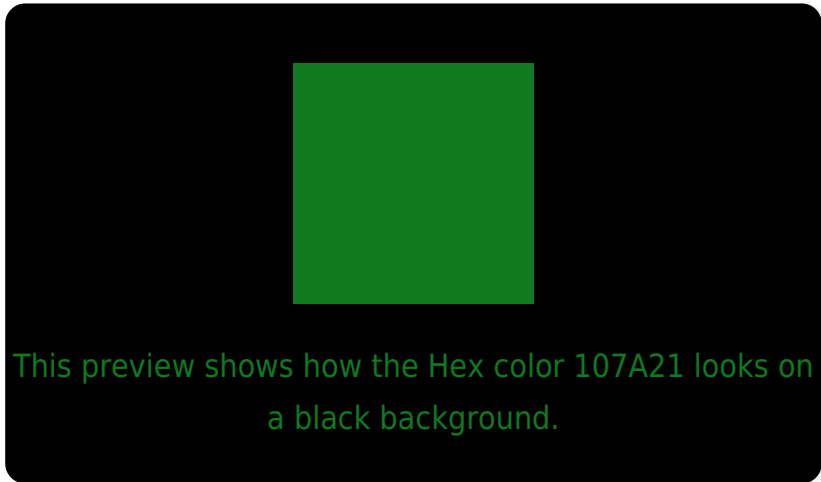
Large Text (above 18pt) WCAG AA ✓ Pass

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 107A21 Background



This preview shows how black text looks on a background with the Hex color 107A21.



This preview shows how white text looks on a background with the Hex color 107A21.

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
107A21

Protanopia
75691D

Deuteranopia
82632A



Tritanopia
34727B

Trichromacy



Original Color
107A21

Protanomaly
506F1E

Deuteranomaly
596B27

Tritanomaly
27755A

Monochromacy



Original Color
107A21

Achromatopsia
505050

Achromatomaly
395F3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 107A21 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 #107A21 looks like.

```
.text, #text, p{  
    color:#107A21  
}
```

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 #107A21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #107A21
}
```

Border

The CSS property to change the border of an element to Hex 107A21 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
#107A21 }
```

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

```
.border{ border-color:#107A21 }
```

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

Here you see how a box with a 4 pixel #107A21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #107A21; -webkit-box-shadow:4px 4px  
4px 4px #107A21; box-shadow:4px 4px 4px  
4px #107A21 }
```

Background

The CSS property to change the background color of an element to Hex 107A21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#107A21 }
```

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

```
.background{ background-color:#107A21 }
```

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