

Converting Colors

Hex(1A6B21)

Have a look what the booklet for
Hex(1A6B21) contains.

Hex(1A6B21)	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(1A6B21)

Conversions

Conversions Part 1

Format	Color
Hex	1A6B21
RGB	26, 107, 33
RGB Percent	10%, 42%, 13%
CMY	0.8980, 0.5804, 0.8706
CMYK	0.76, 0.00, 0.69, 0.58
HSL	125°, 61%, 26%
HSV	125°, 76%, 42%
XYZ	5.9582, 10.8448, 3.2181
YIQ	74.3450, -24.5220, -40.1860

Conversions

Conversions Part 2

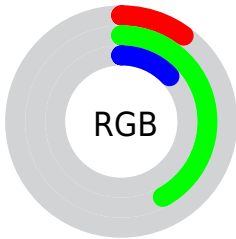
Format	Color
R_{YB}	26, 101, 107
Decimal	1731361
CIE Lab	39.32, -39.82, 33.54
CIE LCh	39, 52.060, 139.891
Yxy	10.8448, 0.2976, 0.5417
Android (android.graphics.Color)	4279921441 (0xFF1A6B21)
YUV	74.3450, -20.3831, -42.3986
Hunter-Lab	32.9315, -25.3345, 17.2582

Details

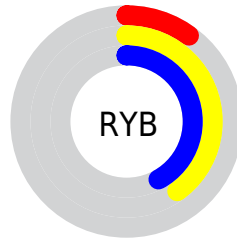
The Hex color **1A6B21** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6B1A64**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **549F51**, and **003A00** is the 20% darker color. If you saturate the color by 10%, you get **0F6B17**, and if you desaturate by 10%, it is **256B2B**.

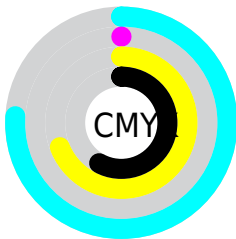
Distribution



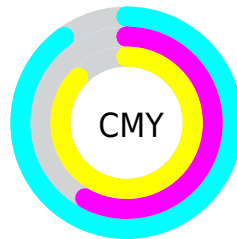
- Red (10%)
- Green (42%)
- Blue (13%)



- Red (10%)
- Yellow (40%)
- Blue (42%)



- Cyan (76%)
- Magenta (0%)
- Yellow (69%)
- Black (58%)



- Cyan (90%)
- Magenta (58%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A6B21 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 1A6B21 by changing the saturation by 10% instead.

 1A6B21

 1A6B21

FFFFFF

 005207

 549F51

 003A00

 6FBB6A

 002600

 8AD784

 000000

 A6F39E

 C2FFBA

 DFFFD6

 FCFF2

 1A6B21

 1A6B21

■ 0F6B17

■ 256B2B

■ 056B0D

■ 2F6B35

■ 006B09

■ 3A6B3E

■ 456B48

■ 506B52

■ 5A6B5C

■ 656B65

■ 706B6F

■ 7A6B79

Harmonies

Analogous

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



556300



1A6B21



006F4C

Triad

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



1A6B21



0066B0



A73143

Complementary

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



1A6B21



6B1A64

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.



A1316D



1A6B21



3B58AD

Square

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



1A6B21



006D9D



814394



99431B

Rectangle

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



1A6B21



00706A



814394



A72F50

Sweetspot

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



1A6B21



6C8C6F



646B1A



334735



C7C7C7



474747

Same Dimension

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



1A6B21



0D8C18



1A6B49



303631



00750A



00F515

Inverse Universe

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



6B1A64



8C0D81



6B1A3C



363035



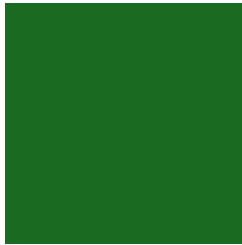
75006B



F500E0

Previews

White Background



This preview shows how the Hex color 1A6B21 looks on a white background.

Color Contrast Check

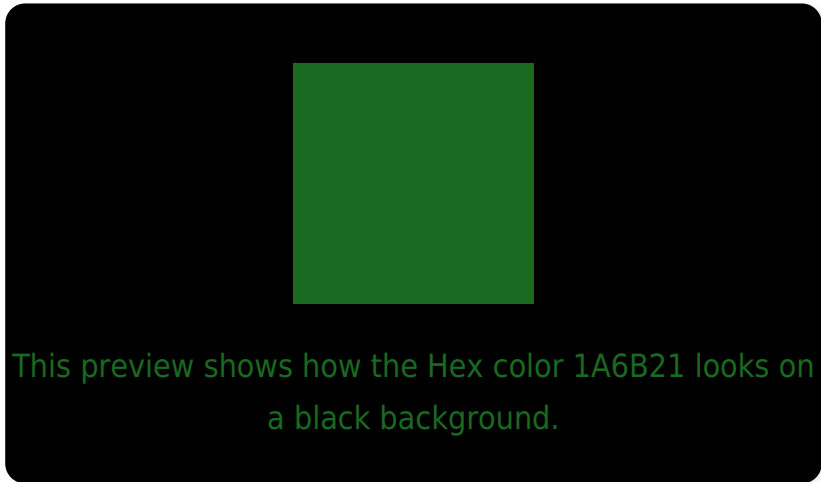
Large Text (above 18pt) WCAG AA ✓ Pass

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

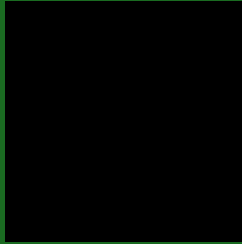
Any Text WCAG AA × Fail

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 1A6B21 Background



This preview shows how black text looks on a background with the Hex color 1A6B21.



This preview shows how white text looks on a background with the Hex color 1A6B21.

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
1A6B21

Protanopia
675C1D

Deuteranopia
725828



Tritanopia
31646C

Trichromacy



Original Color
1A6B21

Protanomaly
4B611E

Deuteranomaly
525F25

Tritanomaly
296751

Monochromacy



Original Color
1A6B21

Achromatopsia
4A4A4A

Achromatomaly
39563B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A6B21 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 #1A6B21 looks like.

```
.text, #text, p{  
    color:#1A6B21  
}
```

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 #1A6B21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A6B21
}
```

Border

The CSS property to change the border of an element to Hex 1A6B21 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
#1A6B21 }
```

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

```
.border{ border-color:#1A6B21 }
```

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

Here you see how a box with a 4 pixel #1A6B21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A6B21; -webkit-box-shadow:4px 4px  
4px 4px #1A6B21; box-shadow:4px 4px 4px  
4px #1A6B21 }
```

Background

The CSS property to change the background color of an element to Hex 1A6B21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A6B21 }
```

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

```
.background{ background-color:#1A6B21 }
```

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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