

Converting Colors

Hex(1A4C30)

Have a look what the booklet for
Hex(1A4C30) contains.

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Color

Hex(1A4C30)

Conversions

Conversions Part 1

Format	Color
Hex	1A4C30
RGB	26, 76, 48
RGB Percent	10%, 30%, 19%
CMY	0.8980, 0.7020, 0.8118
CMYK	0.66, 0.00, 0.37, 0.70
HSL	146°, 49%, 20%
HSV	146°, 66%, 30%
XYZ	3.5439, 5.6019, 3.6908
YIQ	57.8580, -20.8120, -19.3080

Conversions

Conversions Part 2

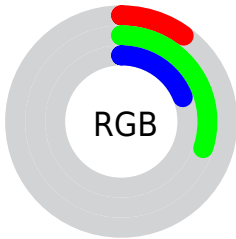
Format	Color
R_{YB}	26, 61, 76
Decimal	1723440
CIE Lab	28.39, -24.28, 11.80
CIE LCh	28, 26.991, 154.077
Yxy	5.6019, 0.2761, 0.4364
Android (android.graphics.Color)	4279913520 (0xFF1A4C30)
YUV	57.8580, -4.8600, -27.9395
Hunter-Lab	23.6683, -14.6921, 7.3223




Details

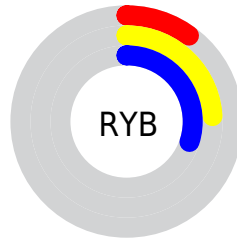
The Hex color **1A4C30** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4C1A36**, and the grayscale version is **3A3A3A**.



A 20% lighter version of the original color is **4B7D5E**, and **002001** is the 20% darker color. If you saturate the color by 10%, you get **124C2C**, and if you desaturate by 10%, it is **224C34**.

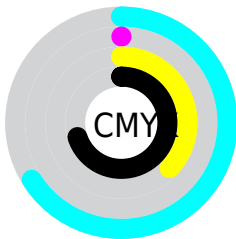
Distribution







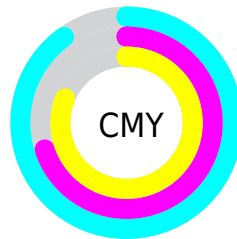
-  Red (10%)
-  Green (30%)
-  Blue (19%)






-  Red (10%)
-  Yellow (24%)
-  Blue (30%)



-  Cyan (66%)
-  Magenta (0%)
-  Yellow (37%)
-  Black (70%)



-  Cyan (90%)
-  Magenta (70%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A4C30 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 1A4C30 by changing the saturation by 10% instead.



1A4C30



1A4C30

FFFFFF



00351B



4B7D5E



002001



659877



000000



7EB291



99CEAB



B4EAC7



D0FFE3



EDFFFF



1A4C30



1A4C30

■ 124C2C

■ 224C34

■ 0B4C27

■ 294C39

■ 034C23

■ 314C3D

■ 004C21

■ 384C41

■ 404C45

■ 484C4A

■ 4F4C4E

■ 574C52

■ 5E4C56

Harmonies

Analogous

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



37481F



1A4C30



004D45

Triad

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



1A4C30



23446C



68342D

Complementary

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



1A4C30



4C1A36

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.



693141



1A4C30



483C65

Square

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



1A4C30



004A68



5F3555



5D3B1E

Rectangle

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



1A4C30



004D53



5F3555



6A3233

Sweetspot

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



1A4C30



506358



364C1A



27332C



B3B3B3



333333

Same Dimension

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



1A4C30



156337



1A4C49



222624



00662D



00E665

Inverse Universe

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



4C1A36



631541



4C1A1D



262225



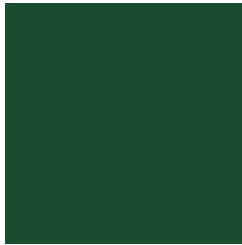
660039



E60081

Previews

White Background



This preview shows how the Hex color 1A4C30 looks on a white background.

Color Contrast Check

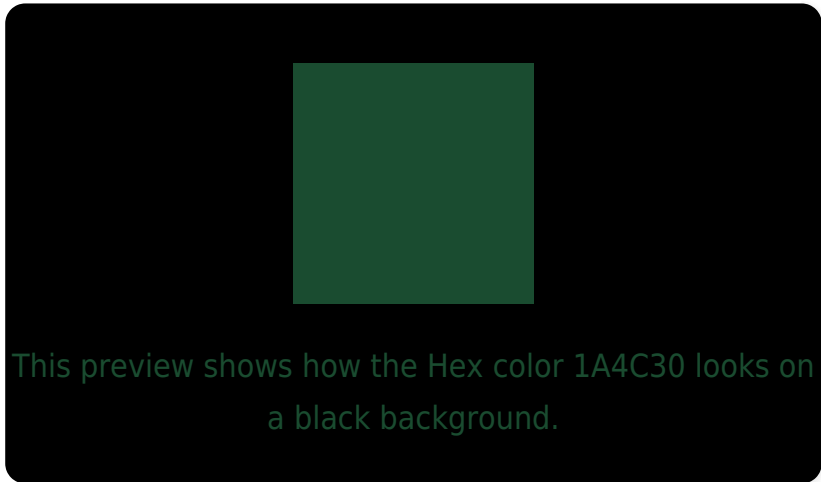
Large Text (above 18pt) WCAG AA ✓ Pass

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

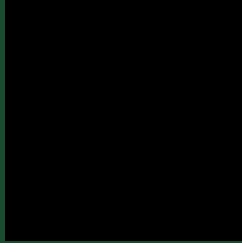
Any Text WCAG AA × Fail

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 1A4C30 Background



This preview shows how black text looks on a background with the Hex color 1A4C30.



This preview shows how white text looks on a background with the Hex color 1A4C30.

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
1A4C30

Protanopia
49432C

Deuteranopia
4F4033



Tritanopia
24484E

Trichromacy



Original Color
1A4C30

Protanomaly
38462D

Deuteranomaly
3C4432

Tritanomaly
204943

Monochromacy



Original Color
1A4C30

Achromatopsia
3A3A3A

Achromatomaly
2E4136

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A4C30 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 #1A4C30 looks like.

```
.text, #text, p{  
    color:#1A4C30  
}
```

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 #1A4C30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A4C30
}
```

Border

The CSS property to change the border of an element to Hex 1A4C30 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
#1A4C30 }
```

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

```
.border{ border-color:#1A4C30 }
```

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

Here you see how a box with a 4 pixel #1A4C30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A4C30; -webkit-box-shadow:4px 4px  
4px 4px #1A4C30; box-shadow:4px 4px 4px  
4px #1A4C30 }
```

Background

The CSS property to change the background color of an element to Hex 1A4C30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A4C30 }
```

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

```
.background{ background-color:#1A4C30 }
```

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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