

Converting Colors

Hex(164931)

Have a look what the booklet for
Hex(164931) contains.

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Color

Hex(164931)

Conversions

Conversions Part 1

Format	Color
Hex	164931
RGB	22, 73, 49
RGB Percent	9%, 29%, 19%
CMY	0.9137, 0.7137, 0.8078
CMYK	0.70, 0.00, 0.33, 0.71
HSL	152°, 54%, 19%
HSV	152°, 70%, 29%
XYZ	3.2678, 5.1574, 3.7290
YIQ	55.0150, -22.6920, -18.2760

Conversions

Conversions Part 2

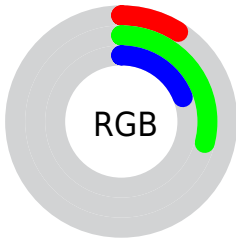
Format	Color
RYB	22, 55, 73
Decimal	1460529
CIELab	27.18, -23.53, 9.50
CIELCh	27, 25.376, 158.022
Yxy	5.1574, 0.2689, 0.4243
Android (android.graphics.Color)	4279650609 (0xFF164931)
YUV	55.0150, -2.9654, -28.9542
Hunter-Lab	22.7099, -14.0575, 6.1615

Details

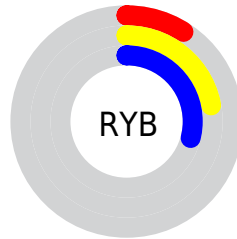
The Hex color **164931** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **49162E**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **487A5F**, and **001E02** is the 20% darker color. If you saturate the color by 10%, you get **0F492E**, and if you desaturate by 10%, it is **1D4934**.

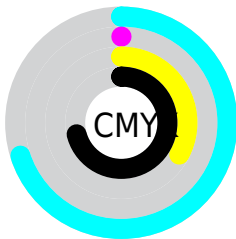
Distribution



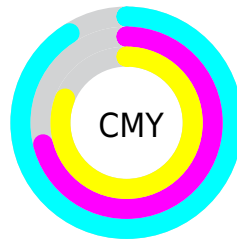
- Red (9%)
- Green (29%)
- Blue (19%)



- Red (9%)
- Yellow (22%)
- Blue (29%)



- Cyan (70%)
- Magenta (0%)
- Yellow (33%)
- Black (71%)



- Cyan (91%)
- Magenta (71%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 164931 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 164931 by changing the saturation by 10% instead.

■ 164931

■ 164931

FFFFFF

■ 00321C

■ 487A5F

■ 001E02

■ 619478

■ 000000

■ 7BAF92

■ 95CAAC

■ B0E7C8

■ CCFE4

■ E9FFF

■ 164931

■ 164931

■ 0F492E

■ 1D4934

■ 07492A

■ 254938

■ 004927

■ 2C493B

■ 33493F

■ 3B4942

■ 424946

■ 494949

■ 50494C

■ 584950

Harmonies

Analogous

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



324620



164931



004A45

Triad

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



164931



294067



623329

Complementary

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



164931



49162E

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.



65303C



164931



49395F

Square

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



164931



004664



5C324F



573A1C

Rectangle

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



164931



004A52



5C324F



64322F

Sweetspot

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



164931



4B5E55



2F4916



24302B



B0B0B0



303030

Same Dimension

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



164931



0F5E39



164849



202422



006335



00E378

Inverse Universe

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



49162E



5E0F34



491716



242022



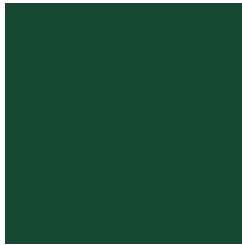
63002F



E3006B

Previews

White Background



This preview shows how the Hex color 164931 looks on a white background.

Color Contrast Check

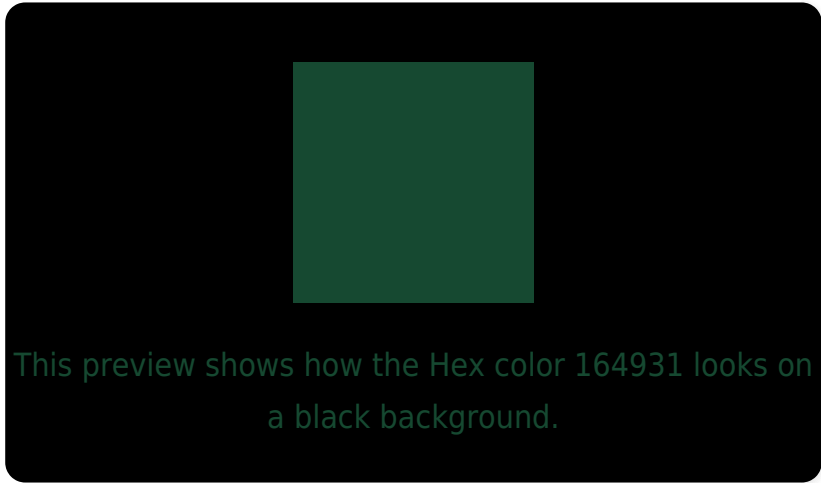
Large Text (above 18pt) WCAG AA ✓ Pass

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

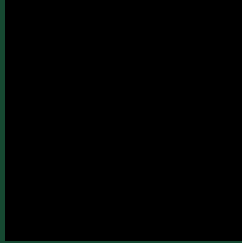
Any Text WCAG AA × Fail

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 164931 Background



This preview shows how black text looks on a background with the Hex color 164931.

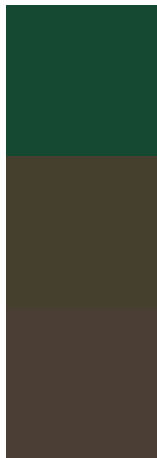


This preview shows how white text looks on a background with the Hex color 164931.

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
164931

Protanopia
45402D

Deuteranopia
4B3E34



Tritanopia
20464B

Trichromacy



Original Color
164931

Protanomaly
34432E

Deuteranomaly
384233

Tritanomaly
1C4742

Monochromacy



Original Color
164931

Achromatopsia
373737

Achromatomaly
2B3E35

CSS Examples

Text

The CSS property to change the color of the text to Hex 164931 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 #164931 looks like.

```
.text, #text, p{  
    color:#164931  
}
```

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 #164931 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #164931
}
```

Border

The CSS property to change the border of an element to Hex 164931 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
#164931 }
```

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

```
.border{ border-color:#164931 }
```

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

Here you see how a box with a 4 pixel #164931 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #164931; -webkit-box-shadow:4px 4px  
4px 4px #164931; box-shadow:4px 4px 4px  
4px #164931 }
```

Background

The CSS property to change the background color of an element to Hex 164931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#164931 }
```

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

```
.background{ background-color:#164931 }
```

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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