

Converting Colors

Hex(104B29)

Have a look what the booklet for
Hex(104B29) contains.

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Color

Hex(104B29)

Conversions

Conversions Part 1

Format	Color
Hex	104B29
RGB	16, 75, 41
RGB Percent	6%, 29%, 16%
CMY	0.9373, 0.7059, 0.8392
CMYK	0.79, 0.00, 0.45, 0.71
HSL	145°, 65%, 18%
HSV	145°, 79%, 29%
XYZ	3.1300, 5.3024, 2.9563
YIQ	53.4830, -24.2500, -23.0820

Conversions

Conversions Part 2

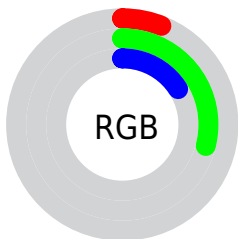
Format	Color
RYB	16, 57, 75
Decimal	1067817
CIELab	27.58, -27.58, 15.03
CIElCh	28, 31.405, 151.417
Yxy	5.3024, 0.2748, 0.4656
Android (android.graphics.Color)	4279257897 (0xFF104B29)
YUV	53.4830, -6.1541, -32.8726
Hunter-Lab	23.0270, -16.0341, 8.5069

Details

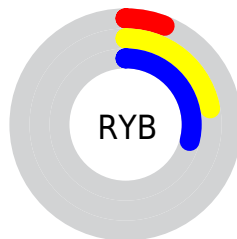
The Hex color **104B29** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4B1032**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **447D57**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **094B25**, and if you desaturate by 10%, it is **184B2D**.

Distribution



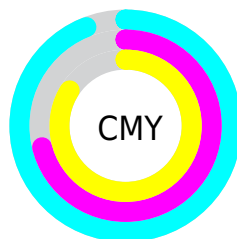
- Red (6%)
- Green (29%)
- Blue (16%)



- Red (6%)
- Yellow (22%)
- Blue (29%)



- Cyan (79%)
- Magenta (0%)
- Yellow (45%)
- Black (71%)



- Cyan (94%)
- Magenta (71%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 104B29 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 104B29 by changing the saturation by 10% instead.

 104B29

 104B29

FFFFFF

 003414

 447D57

 002000

 5E976F

 000000

 78B289

 92CDA3

 ADE9BE

 C9FFDA

 E6FFF6

 104B29

 104B29

■ 094B25

■ 184B2D

■ 014B20

■ 1F4B32

■ 004B20

■ 274B36

■ 2E4B3A

■ 364B3F

■ 3D4B43

■ 454B47

■ 4C4B4C

■ 544B50

Harmonies

Analogous

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



354715



104B29



004D42

Triad

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



104B29



064371



6B2E29

Complementary

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



104B29



4B1032

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.



6C2B41



104B29



433A6A

Square

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



104B29



004A6B



5F3059



603716

Rectangle

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



104B29



004D52



5F3059



6D2C31

Sweetspot

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



104B29



4A6153



324B10



223028



B0B0B0



303030

Same Dimension

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



104B29



06612C



104B46



222624



00662B



00E661

Inverse Universe

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



4B1032



61063A



4B1015



262225



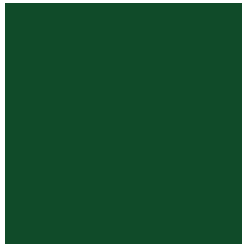
66003B



E60084

Previews

White Background



This preview shows how the Hex color 104B29 looks on a white background.

Color Contrast Check

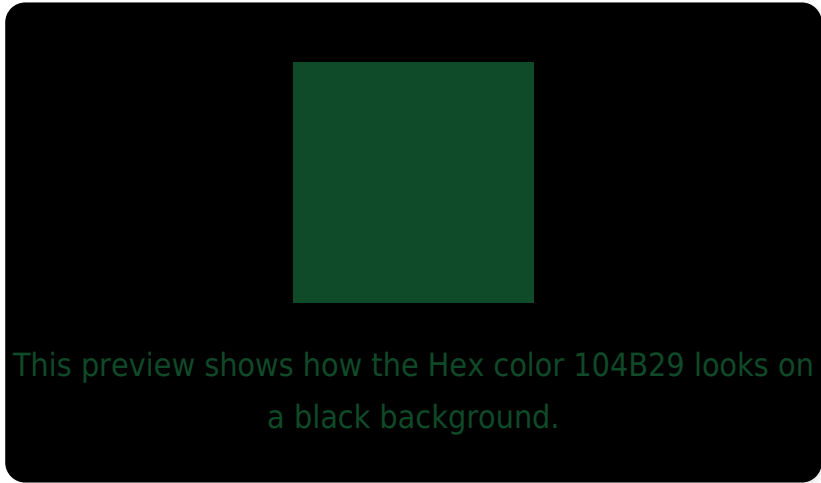
Large Text (above 18pt) WCAG AA ✓ Pass

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

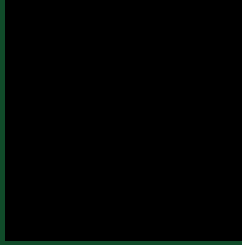
Any Text WCAG AA × Fail

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 104B29 Background



This preview shows how black text looks on a background with the Hex color 104B29.



This preview shows how white text looks on a background with the Hex color 104B29.

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
104B29

Protanopia
474125

Deuteranopia
4E3E2C

Trichromacy



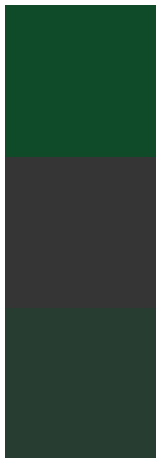
Original Color
104B29

Protanomaly
334526

Deuteranomaly
37432B

Tritanomaly
1A4840

Monochromacy



Original Color
104B29

Achromatopsia
353535

Achromatomaly
283D31

CSS Examples

Text

The CSS property to change the color of the text to Hex 104B29 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 #104B29 looks like.

```
.text, #text, p{  
    color:#104B29  
}
```

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 #104B29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #104B29
}
```

Border

The CSS property to change the border of an element to Hex 104B29 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
#104B29 }
```

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

```
.border{ border-color:#104B29 }
```

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

Here you see how a box with a 4 pixel #104B29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #104B29; -webkit-box-shadow:4px 4px  
4px 4px #104B29; box-shadow:4px 4px 4px  
4px #104B29 }
```

Background

The CSS property to change the background color of an element to Hex 104B29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#104B29 }
```

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

```
.background{ background-color:#104B29 }
```

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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