

Converting Colors

Hex(29664B)

Have a look what the booklet for
Hex(29664B) contains.

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Color

Hex(29664B)

Conversions

Conversions Part 1

Format	Color
Hex	29664B
RGB	41, 102, 75
RGB Percent	16%, 40%, 29%
CMY	0.8392, 0.6000, 0.7059
CMYK	0.60, 0.00, 0.26, 0.60
HSL	153°, 43%, 28%
HSV	153°, 60%, 40%
XYZ	6.9358, 10.4822, 8.3143
YIQ	80.6830, -27.6890, -21.3290

Conversions

Conversions Part 2

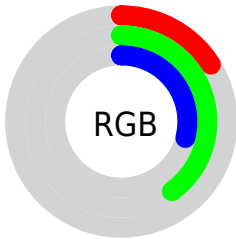
Format	Color
RYB	41, 80, 102
Decimal	2713163
CIELab	38.69, -26.81, 9.45
CIElCh	39, 28.427, 160.583
Yxy	10.4822, 0.2695, 0.4074
Android (android.graphics.Color)	4280903243 (0xFF29664B)
YUV	80.6830, -2.8017, -34.8020
Hunter-Lab	32.3762, -18.4189, 7.4374

Details

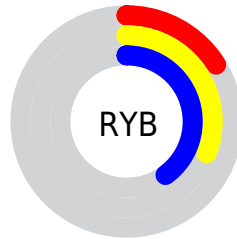
The Hex color **29664B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **662944**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5C9A7C**, and **00361F** is the 20% darker color. If you saturate the color by 10%, you get **1F6646**, and if you desaturate by 10%, it is **336650**.

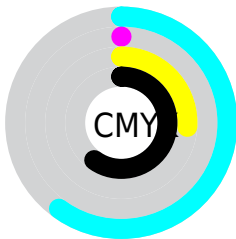
Distribution



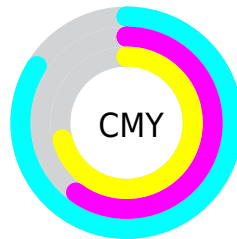
- Red (16%)
- Green (40%)
- Blue (29%)



- Red (16%)
- Yellow (31%)
- Blue (40%)



- Cyan (60%)
- Magenta (0%)
- Yellow (26%)
- Black (60%)



- Cyan (84%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29664B 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 29664B by changing the saturation by 10% instead.

 29664B

 29664B

FFFFFF

 0B4E34

 5C9A7C

 00361F

 76B596

 002207

 91D0B0

 000000

 ACEDCC

 C8FFE8

 E5FFFF

 29664B

 29664B

 1F6646

 336650

■ 156642

■ 3D6654

■ 0A663D

■ 486659

■ 006639

■ 52665D

■ 5C6662

■ 666666

■ 70666B

■ 7B666F

■ 856674

Harmonies

Analogous

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



486237



29664B



006763

Triad

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



29664B



455B88



844D3E

Complementary

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



29664B



662944

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.



874854



29664B



68527E

Square

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



29664B



0D6286



7E4B6B



765530

Rectangle

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



29664B



006772



7E4B6B



864B45

Sweetspot

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



29664B



6D857A



446629



34423C



C2C2C2



424242

Same Dimension

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



29664B



25855A



296366



2E3331



007340



00F287

Inverse Universe

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



662944



85254F



662C29



332E30



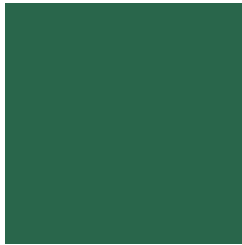
730033



F2006B

Previews

White Background



This preview shows how the Hex color 29664B looks on a white background.

Color Contrast Check

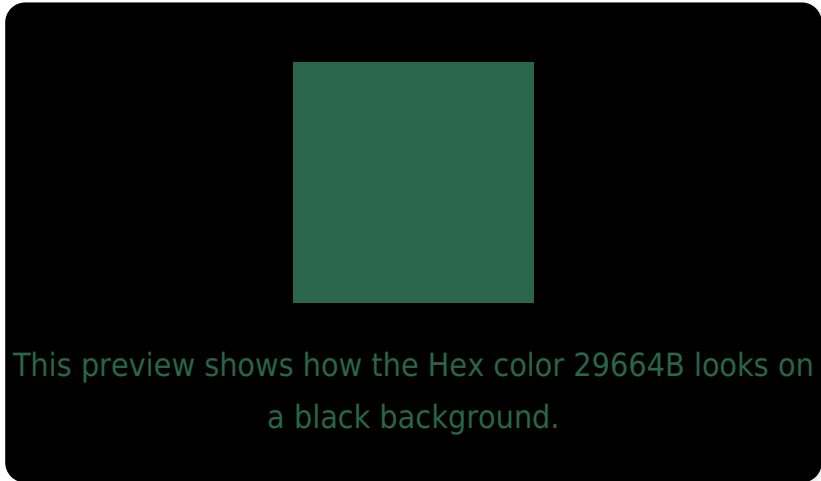
Large Text (above 18pt) WCAG AA ✓ Pass

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

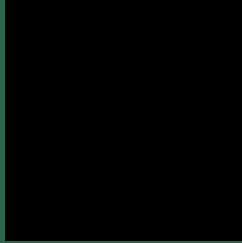
Any Text WCAG AA × Fail

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 29664B Background



This preview shows how black text looks on a background with the Hex color 29664B.



This preview shows how white text looks on a background with the Hex color 29664B.

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
29664B

Protanopia
615B46

Deuteranopia
68574E



Tritanopia
33626A

Trichromacy



Original Color
29664B

Protanomaly
4D5F48

Deuteranomaly
515C4D

Tritanomaly
2F635F

Monochromacy



Original Color
29664B

Achromatopsia
515151

Achromatomaly
42594F

CSS Examples

Text

The CSS property to change the color of the text to Hex 29664B 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 #29664B looks like.

```
.text, #text, p{  
    color:#29664B  
}
```

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 #29664B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29664B
}
```

Border

The CSS property to change the border of an element to Hex 29664B 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
#29664B }
```

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

```
.border{ border-color:#29664B }
```

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

Here you see how a box with a 4 pixel #29664B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29664B; -webkit-box-shadow:4px 4px  
4px 4px #29664B; box-shadow:4px 4px 4px  
4px #29664B }
```

Background

The CSS property to change the background color of an element to Hex 29664B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29664B }
```

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

```
.background{ background-color:#29664B }
```

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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