

# Converting Colors

Hex(26994D)

Have a look what the booklet for  
Hex(26994D) contains.

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**Color**

**Hex(26994D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26994D
RGB	38, 153, 77
RGB Percent	15%, 60%, 30%
CMY	0.8510, 0.4000, 0.6980
CMYK	0.75, 0.00, 0.50, 0.40
HSL	140°, 60%, 37%
HSV	140°, 75%, 60%
XYZ	13.5301, 23.7304, 10.8885
YIQ	109.9510, -44.1440, -48.0160

# Conversions

## Conversions Part 2

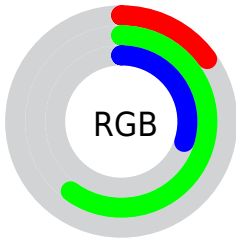
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 124, 153
Decimal	2529613
CIE <sub>Lab</sub>	55.82, -48.48, 30.99
CIE <sub>LCh</sub>	56, 57.542, 147.415
Yxy	23.7304, 0.2810, 0.4929
Android (android.graphics.Color)	4280719693 (0xFF26994D)
YUV	109.9510, -16.2448, -63.1010
Hunter-Lab	48.7138, -35.6713, 20.8472

# Details

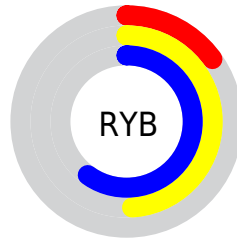
The Hex color **26994D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **992672**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **65D07F**, and **00651E** is the 20% darker color. If you saturate the color by 10%, you get **179943**, and if you desaturate by 10%, it is **359957**.

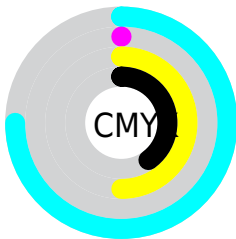
# Distribution



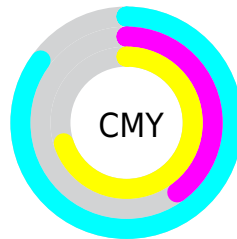
- Red (15%)
- Green (60%)
- Blue (30%)



- Red (15%)
- Yellow (49%)
- Blue (60%)



- Cyan (75%)
- Magenta (0%)
- Yellow (50%)
- Black (40%)



- Cyan (85%)
- Magenta (40%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26994D 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 26994D by changing the saturation by 10% instead.



 26994D

 26994D

FFFFFF

 007E35

 65D07F

 00651E

 82ED9A

 004C05

 9EFFB5

 003400

 BBFFD1

 001D00

 D8FFED

 000000

 F6FFFF

 26994D

 26994D

 179943

 359957

079939

459961

009934

54996B

639975

739980

82998A

919994

A0999E

B099A8

# Harmonies

## Analogous

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



729023



26994D



009D80

# Triad

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



26994D



008DEA



DE5B5B

# Complementary

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



26994D



992672

# 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.



DC568C



26994D



7E7ADF

# Square

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



26994D



0098D9



BE64BC



C86E30

# Rectangle

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



26994D



009DA2



BE64BC



E0576B



# Sweetspot

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



26994D



99C7A9



739926



486351



E3E3E3



636363



# Same Dimension

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



26994D



14C751



269986



454D47



008C30



000D04



# Inverse Universe

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



992672



C7148A



992639



4D454A



8C005D



0D0008



# Previews

## White Background



This preview shows how the Hex color 26994D looks on a white background.

## Color Contrast Check

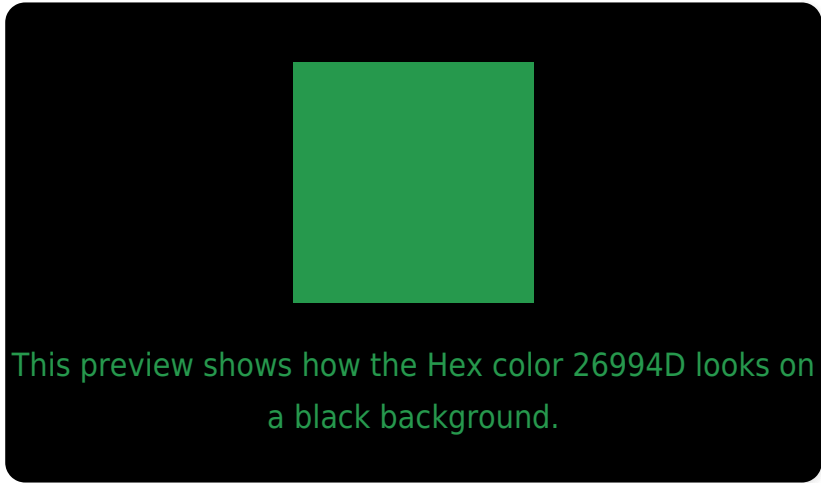
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 26994D Background



This preview shows how black text looks on a background with the Hex color 26994D.



This preview shows how white text looks on a background with the Hex color 26994D.

# 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





**Tritanopia**  
44909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26994D 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 #26994D looks like.

```
.text, #text, p{  
    color:#26994D  
}
```

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 #26994D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26994D
}
```

## Border

The CSS property to change the border of an element to Hex 26994D 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
#26994D }
```

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

```
.border{ border-color:#26994D }
```

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

Here you see how a box with a 4 pixel #26994D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26994D; -webkit-box-shadow:4px 4px  
4px 4px #26994D; box-shadow:4px 4px 4px  
4px #26994D }
```

# Background

The CSS property to change the background color of an element to Hex 26994D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26994D }
```

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

```
.background{ background-color:#26994D }
```

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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