

# Converting Colors

Hex(25924D)

Have a look what the booklet for  
Hex(25924D) contains.

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**Color**

**Hex(25924D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	25924D
RGB	37, 146, 77
RGB Percent	15%, 57%, 30%
CMY	0.8549, 0.4275, 0.6980
CMYK	0.75, 0.00, 0.47, 0.43
HSL	142°, 60%, 36%
HSV	142°, 75%, 57%
XYZ	12.3814, 21.4869, 10.5160
YIQ	105.5430, -42.8150, -44.5670

# Conversions

## Conversions Part 2

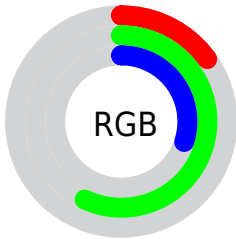
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 117, 146
Decimal	2462285
CIELab	53.48, -46.01, 28.03
CIELCh	53, 53.878, 148.652
Yxy	21.4869, 0.2790, 0.4841
Android (android.graphics.Color)	4280652365 (0xFF25924D)
YUV	105.5430, -14.0717, -60.1122
Hunter-Lab	46.3540, -33.4412, 18.9971

# Details

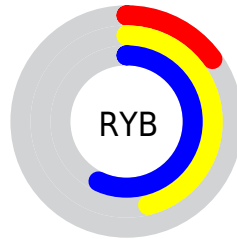
The Hex color **25924D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **92256A**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **63C97F**, and **005E1E** is the 20% darker color. If you saturate the color by 10%, you get **169244**, and if you desaturate by 10%, it is **349256**.

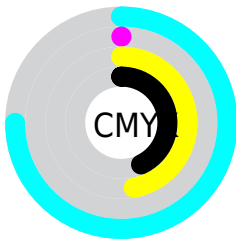
# Distribution



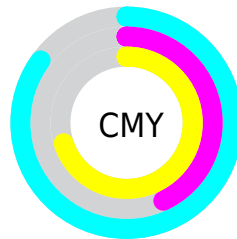
- Red (15%)
- Green (57%)
- Blue (30%)



- Red (15%)
- Yellow (46%)
- Blue (57%)



- Cyan (75%)
- Magenta (0%)
- Yellow (47%)
- Black (43%)



- Cyan (85%)
- Magenta (43%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25924D 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 25924D by changing the saturation by 10% instead.



 25924D

 25924D

FFFFFF

 007835

 63C97F

 005E1E

 7FE599

 004506

 9BFFB4

 002F00

 B8FFD0

 001400

 D5FFED

 000000

 F3FFFF

 25924D

 25924D

 169244

 349256

■ 08923B

■ 42925F

■ 009236

■ 519269

■ 5F9272

■ 6E927B

■ 7D9284

■ 8B928E

■ 9A9297

■ A892A0

# Harmonies

## Analogous

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



6C8A26



25924D



00967C

# Triad

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



25924D



0086DD



D15956

# Complementary

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



25924D



92256A

# 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.



D15484



25924D



7C74D2

# Square

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



25924D



0091CE



B660B1



BD6B2F

# Rectangle

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



25924D



00969C



B660B1



D45565



# Sweetspot

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



25924D



93BDA2



6A9225



465E4F



DEDEDE



5E5E5E



# Same Dimension

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



25924D



13BD51



259283



434A45



008A33



000A04



# Inverse Universe

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



92256A



BD137E



922534



4A4347



8A0057



0A0006



# Previews

## White Background



This preview shows how the Hex color 25924D looks on a white background.

## Color Contrast Check

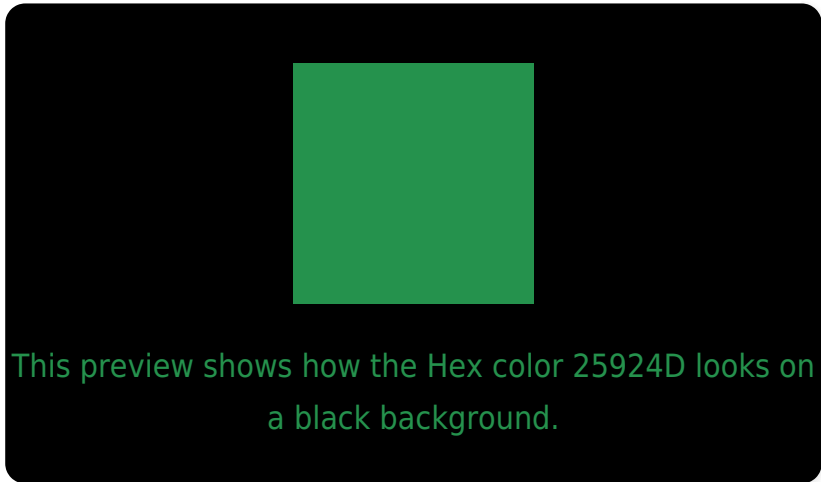
Large Text (above 18pt) WCAG AA ✓ Pass

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 25924D Background



This preview shows how black text looks on a background with the Hex color 25924D.

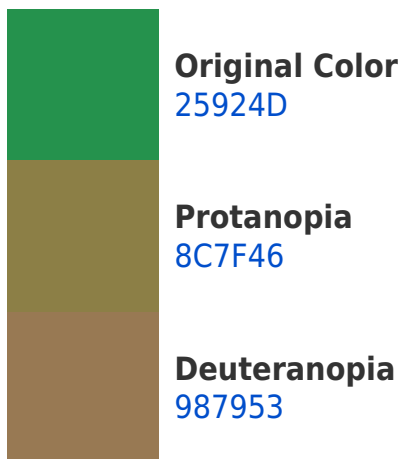



This preview shows how white text looks on a background with the Hex color 25924D.

# 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](#).

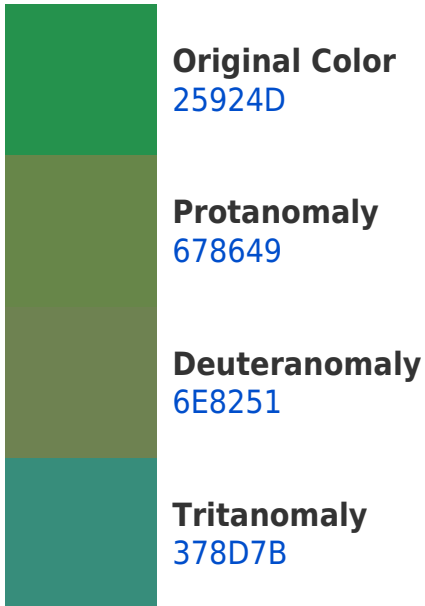
## Dichromacy



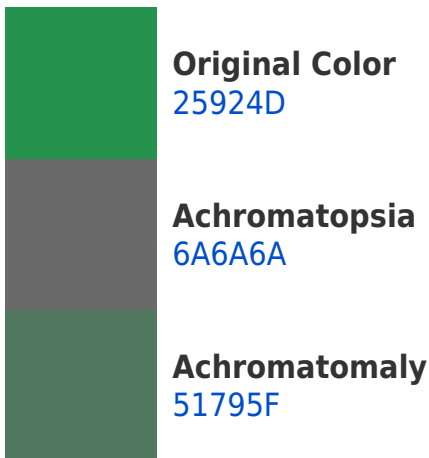


**Tritanopia**  
418A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25924D 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 #25924D looks like.

```
.text, #text, p{  
    color:#25924D  
}
```

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 #25924D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25924D
}
```

## Border

The CSS property to change the border of an element to Hex 25924D 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
#25924D }
```

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

```
.border{ border-color:#25924D }
```

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

Here you see how a box with a 4 pixel #25924D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25924D; -webkit-box-shadow:4px 4px  
4px 4px #25924D; box-shadow:4px 4px 4px  
4px #25924D }
```

# Background

The CSS property to change the background color of an element to Hex 25924D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25924D }
```

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

```
.background{ background-color:#25924D }
```

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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