

# Converting Colors

Hex(24664D)

Have a look what the booklet for  
Hex(24664D) contains.

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# Color

**Hex(24664D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24664D
RGB	36, 102, 77
RGB Percent	14%, 40%, 30%
CMY	0.8588, 0.6000, 0.6980
CMYK	0.65, 0.00, 0.25, 0.60
HSL	157°, 48%, 27%
HSV	157°, 65%, 40%
XYZ	6.8185, 10.4136, 8.6718
YIQ	79.4160, -31.3110, -21.7670

# Conversions

## Conversions Part 2

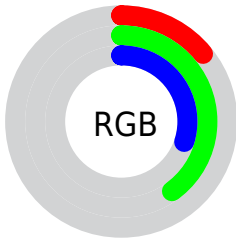
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 77, 102
Decimal	2385485
CIELab	38.57, -27.48, 8.05
CIElCh	39, 28.634, 163.682
Yxy	10.4136, 0.2632, 0.4020
Android (android.graphics.Color)	4280575565 (0xFF24664D)
YUV	79.4160, -1.1911, -38.0758
Hunter-Lab	32.2702, -18.7569, 6.6563

# Details

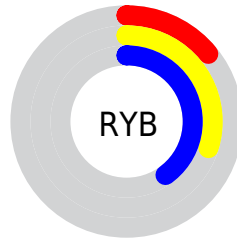
The Hex color **24664D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **66243D**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **589A7E**, and **003621** is the 20% darker color. If you saturate the color by 10%, you get **1A6649**, and if you desaturate by 10%, it is **2E6651**.

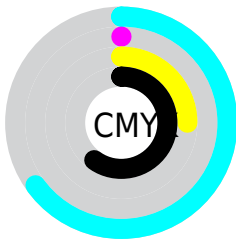
# Distribution



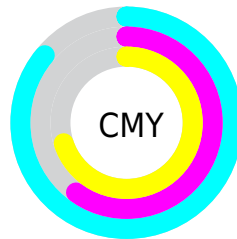
- Red (14%)
- Green (40%)
- Blue (30%)



- Red (14%)
- Yellow (30%)
- Blue (40%)



- Cyan (65%)
- Magenta (0%)
- Yellow (25%)
- Black (60%)



- Cyan (86%)
- Magenta (60%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24664D 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 24664D by changing the saturation by 10% instead.



 24664D

 24664D

FFFFFF

 024E36

 589A7E

 003621

 73B598

 00220A

 8DD0B3

 000000

 A9EDCE

 C5FFEA

 E1FFFF

 FEFFFF

 24664D

 24664D

■ 1A6649

■ 2E6651

■ 106645

■ 386655

■ 056641

■ 436659

■ 00663F

■ 4D665C

■ 576660

■ 616664

■ 6B6668

■ 76666C

■ 806670

# Harmonies

## Analogous

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



456338



24664D



006765

# Triad

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



24664D



495A88



834D3C

# Complementary

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



24664D



66243D

# 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.



874851



24664D



6B517D

# Square

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



24664D



146187



804A68



74552E

# Rectangle

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



24664D



006674



804A68



854B42



# Sweetspot

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



24664D



6B857B



3D6624



33423D



C2C2C2



424242



# Same Dimension

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



24664D



1D855D



245E66



2E3331



007347



00F296



# Inverse Universe

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



66243D



851D44



662C24



332E30



73002B

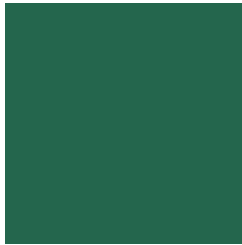


F2005C



# Previews

## White Background



This preview shows how the Hex color 24664D looks on a white background.

## Color Contrast Check

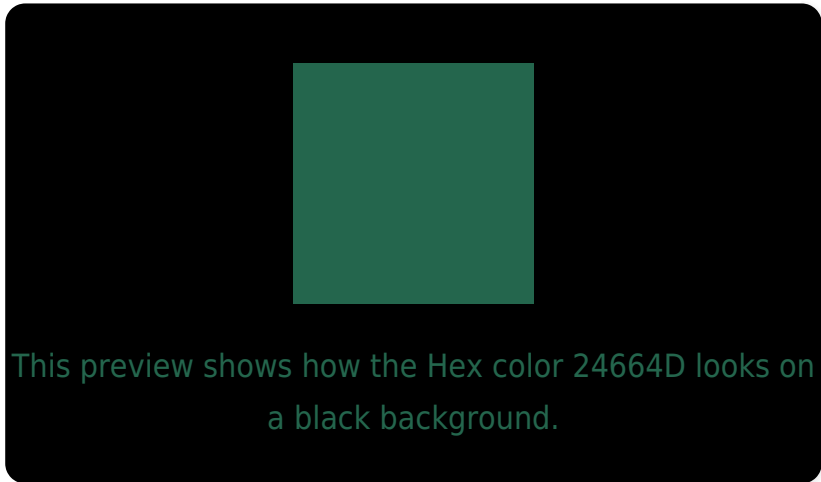
Large Text (above 18pt) WCAG AA ✓ Pass

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

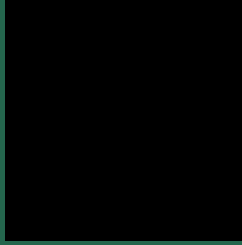
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 24664D Background



This preview shows how black text looks on a background with the Hex color 24664D.



This preview shows how white text looks on a background with the Hex color 24664D.

# 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**  
24664D

**Protanopia**  
605A47

**Deuteranopia**  
675750



**Tritanopia**  
2F626A

# Trichromacy



**Original Color**  
24664D

**Protanomaly**  
4A5E49

**Deuteranomaly**  
4F5C4F

**Tritanomaly**  
2B635F

# Monochromacy



**Original Color**  
24664D

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
3F574E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24664D 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 #24664D looks like.

```
.text, #text, p{  
    color:#24664D  
}
```

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 #24664D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24664D
}
```

## Border

The CSS property to change the border of an element to Hex 24664D 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".

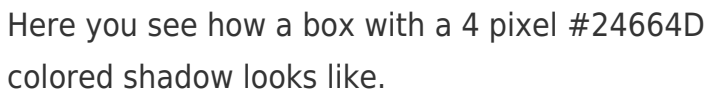
```
.border, #border, table{ border:4px solid
#24664D }
```

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

```
.border{ border-color:#24664D }
```

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

Here you see how a box with a 4 pixel #24664D colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24664D; -webkit-box-shadow:4px 4px  
4px 4px #24664D; box-shadow:4px 4px 4px  
4px #24664D }
```

# Background

The CSS property to change the background color of an element to Hex 24664D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24664D }
```

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

```
.background{ background-color:#24664D }
```

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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