

# Converting Colors

Hex(1F624B)

Have a look what the booklet for  
Hex(1F624B) contains.

<b>Hex(1F624B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(1F624B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F624B
RGB	31, 98, 75
RGB Percent	12%, 38%, 29%
CMY	0.8784, 0.6157, 0.7059
CMYK	0.68, 0.00, 0.23, 0.62
HSL	159°, 52%, 25%
HSV	159°, 68%, 38%
XYZ	6.2028, 9.5347, 8.1701
YIQ	75.3450, -32.5490, -21.3570

# Conversions

## Conversions Part 2

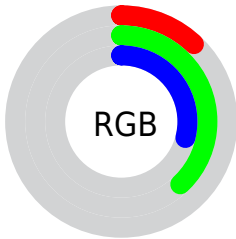
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 71, 98
Decimal	2056779
CIELab	36.99, -27.12, 7.01
CIELCh	37, 28.010, 165.502
Yxy	9.5347, 0.2594, 0.3988
Android (android.graphics.Color)	4280246859 (0xFF1F624B)
YUV	75.3450, -0.1701, -38.8906
Hunter-Lab	30.8783, -18.1803, 5.9273

# Details

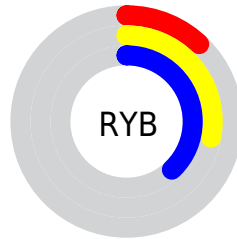
The Hex color **1F624B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **621F36**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **54957C**, and **00331F** is the 20% darker color. If you saturate the color by 10%, you get **156248**, and if you desaturate by 10%, it is **29624E**.

# Distribution



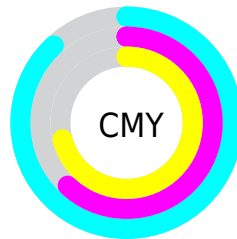
- Red (12%)
- Green (38%)
- Blue (29%)



- Red (12%)
- Yellow (28%)
- Blue (38%)



- Cyan (68%)
- Magenta (0%)
- Yellow (23%)
- Black (62%)



- Cyan (88%)
- Magenta (62%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F624B 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 1F624B by changing the saturation by 10% instead.





1F624B



1F624B

FFFFFF



004A34



54957C



00331F



6EB096



001F07



89CCB0



000000



A4E8CC



C0FFE8



DCFFFF



FAFFFF



1F624B



1F624B

■ 156248

■ 29624E

■ 0B6244

■ 336252

■ 026241

■ 3C6255

■ 006240

■ 466258

■ 50625C

■ 5A625F

■ 646263

■ 6D6266

■ 776269

# Harmonies

## Analogous

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



405F36



1F624B



006362

# Triad

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



1F624B



485582



7D4A38

# Complementary

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



1F624B



621F36

# 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.



82454C



1F624B



684D77

# Square

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



1F624B



165D82



7C4663



6E522B

# Rectangle

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



1F624B



006271



7C4663



80483E



# Sweetspot

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



1F624B



658076



36621F



30403A



BFBFBF



404040



# Same Dimension

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



1F624B



17805C



1F5862



2C302F



00704A



00F09D



# Inverse Universe

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



621F36



80173B



62291F



302C2D



700027

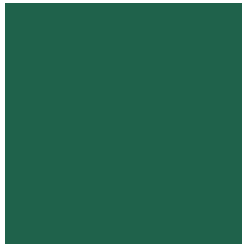


F00052



# Previews

## White Background



This preview shows how the Hex color 1F624B 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

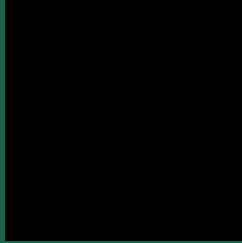
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F624B Background



This preview shows how black text looks on a background with the Hex color 1F624B.



This preview shows how white text looks on a background with the Hex color 1F624B.

# 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**  
1F624B

**Protanopia**  
5C5745

**Deuteranopia**  
62544E



**Tritanopia**  
2A5E66

# Trichromacy



**Original Color**  
1F624B

**Protanomaly**  
465B47

**Deuteranomaly**  
4A594D

**Tritanomaly**  
265F5C

# Monochromacy



**Original Color**  
1F624B

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
3B534B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F624B 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 #1F624B looks like.

```
.text, #text, p{  
    color:#1F624B  
}
```

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 #1F624B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F624B
}
```

## Border

The CSS property to change the border of an element to Hex 1F624B 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
#1F624B }
```

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

```
.border{ border-color:#1F624B }
```

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

Here you see how a box with a 4 pixel #1F624B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F624B; -webkit-box-shadow:4px 4px  
4px 4px #1F624B; box-shadow:4px 4px 4px  
4px #1F624B }
```

# Background

The CSS property to change the background color of an element to Hex 1F624B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F624B }
```

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

```
.background{ background-color:#1F624B }
```

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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