

# Converting Colors

Hex(24725D)

Have a look what the booklet for  
Hex(24725D) contains.

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# Color

Hex(24725D)

# Conversions

## Conversions Part 1

Format	Color
Hex	24725D
RGB	36, 114, 93
RGB Percent	14%, 45%, 36%
CMY	0.8588, 0.5529, 0.6353
CMYK	0.68, 0.00, 0.18, 0.55
HSL	164°, 52%, 29%
HSV	164°, 68%, 45%
XYZ	8.7207, 13.2000, 12.4442
YIQ	88.2840, -39.7470, -23.0670

# Conversions

## Conversions Part 2

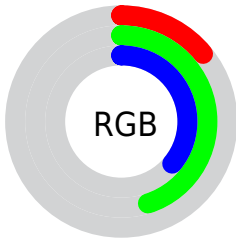
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 81, 114
Decimal	2388573
CIE <sub>Lab</sub>	43.06, -29.07, 4.77
CIE <sub>LCh</sub>	43, 29.458, 170.672
Yxy	13.2000, 0.2538, 0.3841
Android (android.graphics.Color)	4280578653 (0xFF24725D)
YUV	88.2840, 2.3250, -45.8531
Hunter-Lab	36.3318, -20.7357, 5.1246

# Details

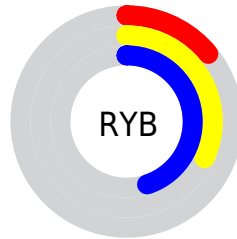
The Hex color **24725D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **722439**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5BA68F**, and **00412F** is the 20% darker color. If you saturate the color by 10%, you get **19725A**, and if you desaturate by 10%, it is **2F7260**.

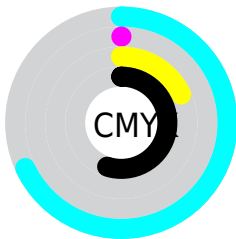
# Distribution



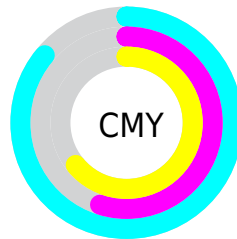
- Red (14%)
- Green (45%)
- Blue (36%)



- Red (14%)
- Yellow (32%)
- Blue (45%)



- Cyan (68%)
- Magenta (0%)
- Yellow (18%)
- Black (55%)



- Cyan (86%)
- Magenta (55%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24725D 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 24725D by changing the saturation by 10% instead.



■ 24725D

■ 24725D

FFFFFF

■ 005945

■ 5BA68F

■ 00412F

■ 76C2AA

■ 002A1A

■ 91DEC5

■ 001300

■ ADFBE1

■ 000000

■ C9FFFE

■ E6FFFF

■ 24725D

■ 24725D

■ 19725A

■ 2F7260

■ 0D7257

■ 3B7263

■ 027254

■ 467266

■ 007253

■ 527269

■ 5D726C

■ 68726F

■ 747272

■ 7F7276

■ 8B7279

# Harmonies

## Analogous

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



486F46



24725D



007276

# Triad

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



24725D



5D6293



8D5941

# Complementary

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



24725D



722439

# 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.



955356



24725D



7D5985

# Square

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



24725D



306A95



90536E



7C6235

# Rectangle

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



24725D



007185



90536E



915747



# Sweetspot

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



24725D



75948C



3A7224



374A45



C9C9C9



4A4A4A



# Same Dimension

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



24725D



1B9473



246172



323837



007858



00F7B5



# Inverse Universe

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



722439



941B3B



723524



383234



780020



F70043



# Previews

## White Background



This preview shows how the Hex color 24725D looks on a white background.

## Color Contrast Check

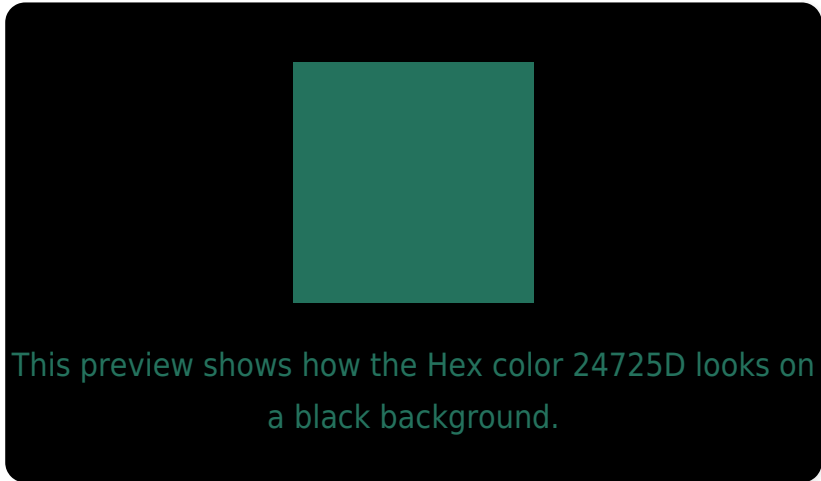
Large Text (above 18pt) WCAG AA ✓ Pass

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

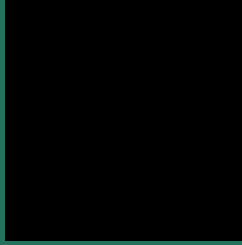
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 24725D Background



This preview shows how black text looks on a background with the Hex color 24725D.

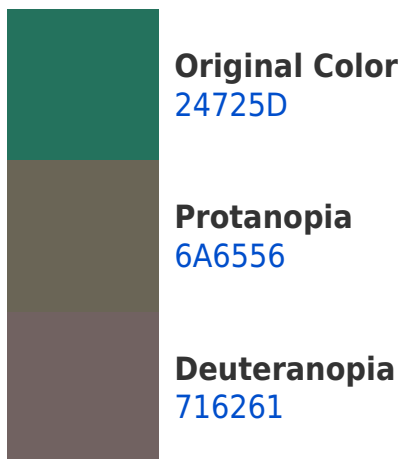


This preview shows how white text looks on a background with the Hex color 24725D.

# 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](#).

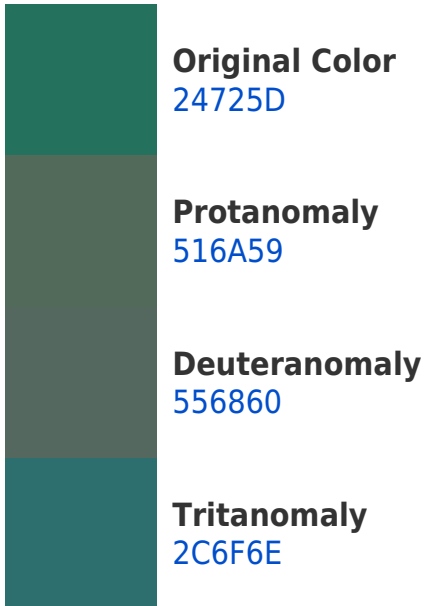
## Dichromacy



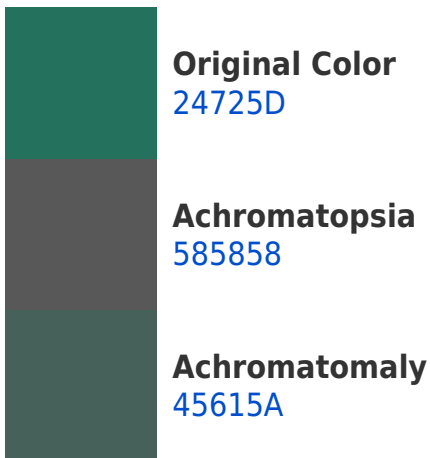


**Tritanopia**  
306E77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24725D 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 #24725D looks like.

```
.text, #text, p{  
    color:#24725D  
}
```

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 #24725D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24725D
}
```

## Border

The CSS property to change the border of an element to Hex 24725D 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
#24725D }
```

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

```
.border{ border-color:#24725D }
```

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

Here you see how a box with a 4 pixel #24725D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24725D; -webkit-box-shadow:4px 4px  
4px 4px #24725D; box-shadow:4px 4px 4px  
4px #24725D }
```

# Background

The CSS property to change the background color of an element to Hex 24725D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24725D }
```

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

```
.background{ background-color:#24725D }
```

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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