

# Converting Colors

Hex(22725F)

Have a look what the booklet for  
Hex(22725F) contains.

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# Color

Hex(22725F)

# Conversions

## Conversions Part 1

Format	Color
Hex	22725F
RGB	34, 114, 95
RGB Percent	13%, 45%, 37%
CMY	0.8667, 0.5529, 0.6275
CMYK	0.70, 0.00, 0.17, 0.55
HSL	166°, 54%, 29%
HSV	166°, 70%, 45%
XYZ	8.7426, 13.2009, 12.9137
YIQ	87.9140, -41.5810, -22.8690

# Conversions

## Conversions Part 2

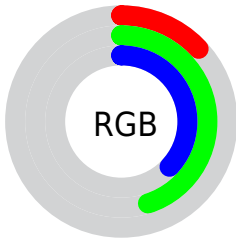
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 79, 114
Decimal	2257503
CIELab	43.06, -28.89, 3.57
CIELCh	43, 29.105, 172.952
Yxy	13.2009, 0.2508, 0.3787
Android (android.graphics.Color)	4280447583 (0xFF22725F)
YUV	87.9140, 3.4934, -47.2826
Hunter-Lab	36.3331, -20.6318, 4.3599

# Details

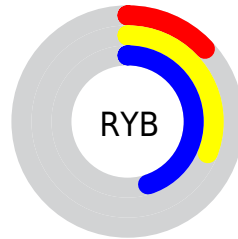
The Hex color **22725F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **722235**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5AA691**, and **004131** is the 20% darker color. If you saturate the color by 10%, you get **17725C**, and if you desaturate by 10%, it is **2D7262**.

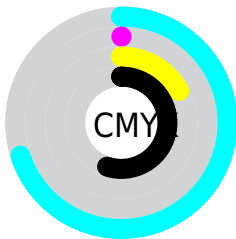
# Distribution



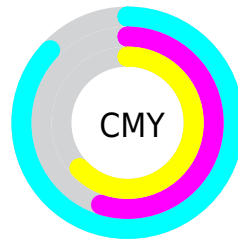
- Red (13%)
- Green (45%)
- Blue (37%)



- Red (13%)
- Yellow (31%)
- Blue (45%)



- Cyan (70%)
- Magenta (0%)
- Yellow (17%)
- Black (55%)



- Cyan (87%)
- Magenta (55%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 22725F 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 22725F by changing the saturation by 10% instead.



 22725F

 22725F

FFFFFF

 005947

 5AA691

 004131

 75C2AC

 002A1C

 90DEC7

 001302

 ACFBE3

 000000

 C8FFFF

 E5FFFF

 22725F

 22725F

 17725C

 2D7262

■ 0B725A

■ 397264

■ 007257

■ 447267

■ 50726A

■ 5B726D

■ 66726F

■ 727272

■ 7D7275

■ 897277

# Harmonies

## Analogous

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



466F48



22725F



007278

# Triad

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



22725F



606292



8C5A40

# Complementary

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



22725F



722235

# 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.



945454



22725F



7E5983

# Square

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



22725F



356A95



90536C



7A6235

# Rectangle

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



22725F



007186



90536C



905746



# Sweetspot

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



22725F



75948D



367222



374A46



C9C9C9



4A4A4A



# Same Dimension

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



22725F



189476



225E72



323837



00785B



00F7BD



# Inverse Universe

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



722235



941835



723622



383234



78001C



F7003B



# Previews

## White Background



This preview shows how the Hex color 22725F looks on a white background.

## Color Contrast Check

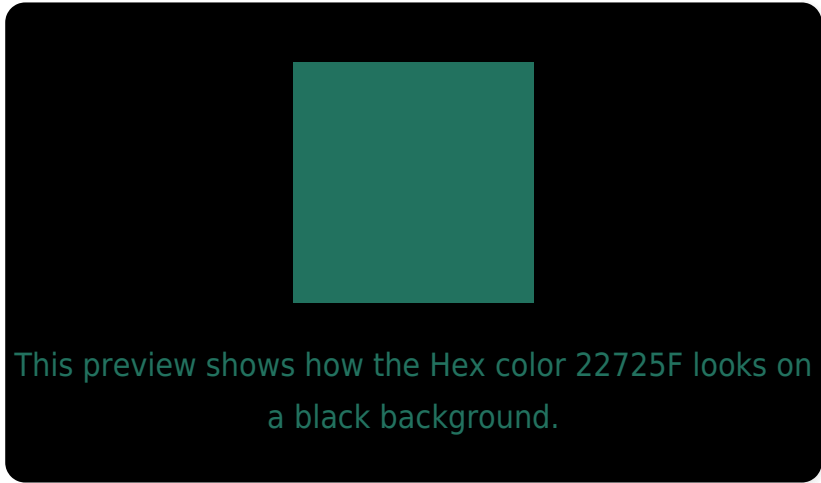
Large Text (above 18pt) WCAG AA ✓ Pass

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

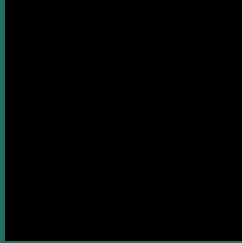
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 22725F Background



This preview shows how black text looks on a background with the Hex color 22725F.

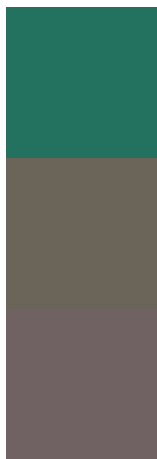


This preview shows how white text looks on a background with the Hex color 22725F.

# 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**  
22725F

**Protanopia**  
6A6558

**Deuteranopia**  
706263



**Tritanopia**  
2E6F78

# Trichromacy



**Original Color**  
22725F

**Protanomaly**  
506A5B

**Deuteranomaly**  
546862

**Tritanomaly**  
2A706F

# Monochromacy



**Original Color**  
22725F

**Achromatopsia**  
585858

**Achromatomaly**  
44615B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 22725F 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 #22725F looks like.

```
.text, #text, p{  
    color:#22725F  
}
```

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 #22725F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22725F
}
```

## Border

The CSS property to change the border of an element to Hex 22725F 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
#22725F }
```

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

```
.border{ border-color:#22725F }
```

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

Here you see how a box with a 4 pixel #22725F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22725F; -webkit-box-shadow:4px 4px  
4px 4px #22725F; box-shadow:4px 4px 4px  
4px #22725F }
```

# Background

The CSS property to change the background color of an element to Hex 22725F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22725F }
```

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

```
.background{ background-color:#22725F }
```

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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