

Converting Colors

Hex(22705A)

Have a look what the booklet for
Hex(22705A) contains.

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Color

Hex(22705A)

Conversions

Conversions Part 1

Format	Color
Hex	22705A
RGB	34, 112, 90
RGB Percent	13%, 44%, 35%
CMY	0.8667, 0.5608, 0.6471
CMYK	0.70, 0.00, 0.20, 0.56
HSL	163°, 53%, 29%
HSV	163°, 70%, 44%
XYZ	8.2993, 12.6666, 11.6803
YIQ	86.1700, -39.4260, -23.3780

Conversions

Conversions Part 2

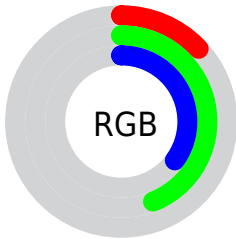
Format	Color
RYB	34, 79, 112
Decimal	2256986
CIELab	42.26, -29.28, 5.41
CIELCh	42, 29.780, 169.529
Yxy	12.6666, 0.2542, 0.3880
Android (android.graphics.Color)	4280447066 (0xFF22705A)
YUV	86.1700, 1.8882, -45.7531
Hunter-Lab	35.5902, -20.6582, 5.4547

Details

The Hex color **22705A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **702238**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **59A48C**, and **003F2C** is the 20% darker color. If you saturate the color by 10%, you get **177057**, and if you desaturate by 10%, it is **2D705D**.

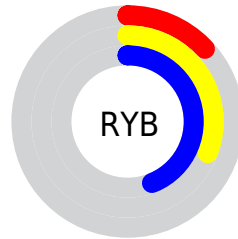
Distribution



Red (13%)

Green (44%)

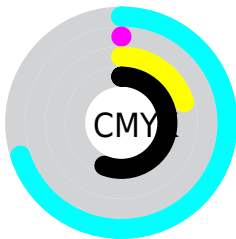
Blue (35%)



Red (13%)

Yellow (31%)

Blue (44%)

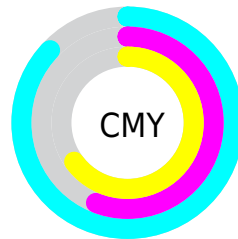


Cyan (70%)

Magenta (0%)

Yellow (20%)

Black (56%)



Cyan (87%)

Magenta (56%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22705A 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 22705A by changing the saturation by 10% instead.

 22705A

 22705A

FFFFFF

 005743

 59A48C

 003F2C

 74C0A6

 002918

 8FDCC2

 000F00

 ABF8DD

 000000

 C7FFFA

 E4FFFF

 22705A

 22705A

 177057

 2D705D

■ 0C7054

■ 387060

■ 007051

■ 447063

■ 007050

■ 4F7067

■ 5A706A

■ 65706D

■ 707070

■ 7C7073

■ 877076

Harmonies

Analogous

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



476D43



22705A



007073

Triad

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



22705A



596192



8C573F

Complementary

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



22705A



702238

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.



935155



22705A



7A5784

Square

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



22705A



296994



8D516D



7B5F33

Rectangle

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



22705A



006F82



8D516D



8F5446

Sweetspot

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



22705A



739189



387022



374A45



C9C9C9



4A4A4A

Same Dimension

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



22705A



17916F



225F70



323837



007856



00F7B2

Inverse Universe

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



702238



91173A



703322



383234



780022



F70046

Previews

White Background



This preview shows how the Hex color 22705A looks on a white background.

Color Contrast Check

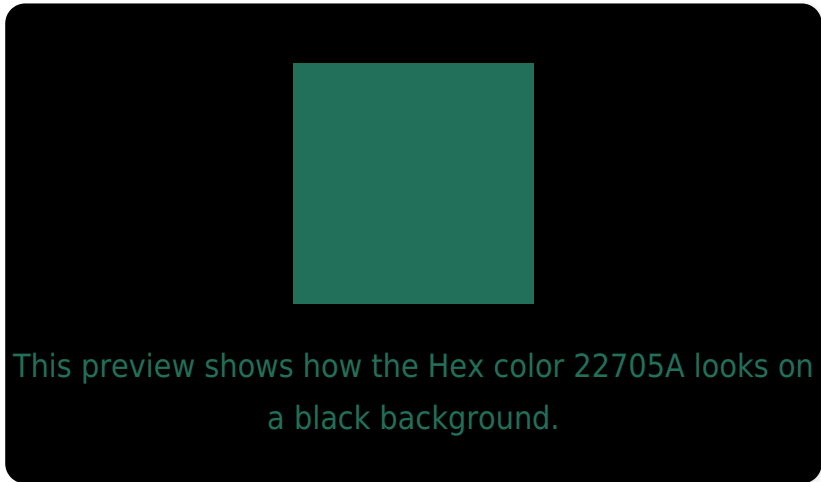
Large Text (above 18pt) WCAG AA ✓ Pass

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

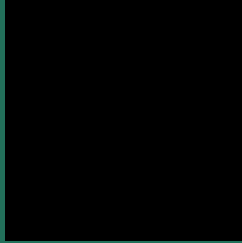
Any Text WCAG AA × Fail

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 22705A Background



This preview shows how black text looks on a background with the Hex color 22705A.

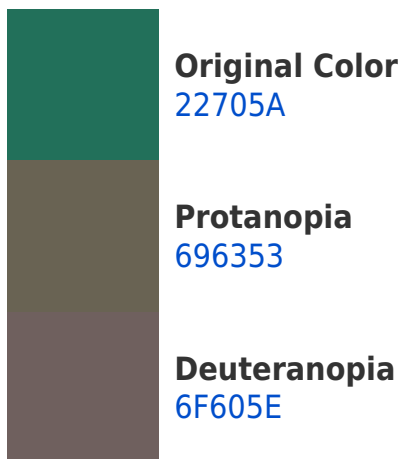


This preview shows how white text looks on a background with the Hex color 22705A.

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
2E6C75

Trichromacy



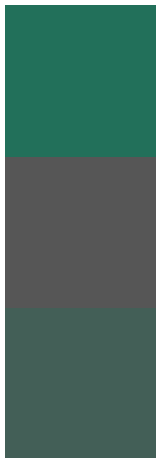
Original Color
22705A

Protanomaly
4F6856

Deuteranomaly
53665D

Tritanomaly
2A6D6B

Monochromacy



Original Color
22705A

Achromatopsia
565656

Achromatomaly
435F57

CSS Examples

Text

The CSS property to change the color of the text to Hex 22705A 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 #22705A looks like.

```
.text, #text, p{  
    color:#22705A  
}
```

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 #22705A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22705A
}
```

Border

The CSS property to change the border of an element to Hex 22705A 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
#22705A }
```

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

```
.border{ border-color:#22705A }
```

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

Here you see how a box with a 4 pixel #22705A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22705A; -webkit-box-shadow:4px 4px  
4px 4px #22705A; box-shadow:4px 4px 4px  
4px #22705A }
```

Background

The CSS property to change the background color of an element to Hex 22705A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22705A }
```

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

```
.background{ background-color:#22705A }
```

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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