

Converting Colors

Hex(22755B)

Have a look what the booklet for
Hex(22755B) contains.

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Color

Hex(22755B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 22755B |
| RGB | 34, 117, 91 |
| RGB Percent | 13%, 46%, 36% |
| CMY | 0.8667, 0.5412, 0.6431 |
| CMYK | 0.71, 0.00, 0.22, 0.54 |
| HSL | 161°, 55%, 30% |
| HSV | 161°, 71%, 46% |
| XYZ | 8.9093, 13.8180, 12.0951 |
| YIQ | 89.2190, -41.1220, -25.6820 |

Conversions

Conversions Part 2

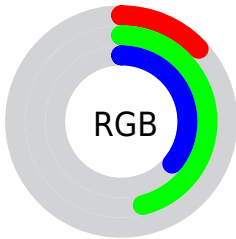
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 34, 83, 117 |
| Decimal | 2258267 |
| CIELab | 43.97, -31.37, 7.26 |
| CIELCh | 44, 32.194, 166.975 |
| Yxy | 13.8180, 0.2558, 0.3968 |
| Android (android.graphics.Color) | 4280448347 (0xFF22755B) |
| YUV | 89.2190, 0.8780, -48.4271 |
| Hunter-Lab | 37.1726, -22.2701, 6.7292 |

Details

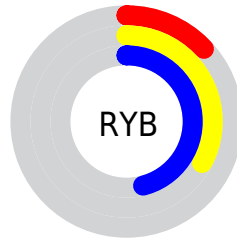
The Hex color **22755B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **75223C**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5AAA8D**, and **00442D** is the 20% darker color. If you saturate the color by 10%, you get **167557**, and if you desaturate by 10%, it is **2E755F**.

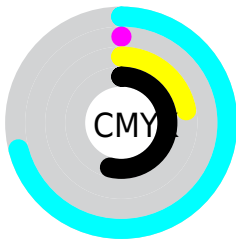
Distribution



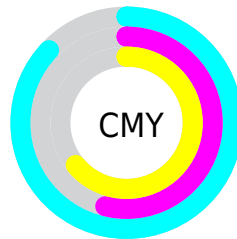
- Red (13%)
- Green (46%)
- Blue (36%)



- Red (13%)
- Yellow (33%)
- Blue (46%)



- Cyan (71%)
- Magenta (0%)
- Yellow (22%)
- Black (54%)



- Cyan (87%)
- Magenta (54%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22755B 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 22755B by changing the saturation by 10% instead.

 22755B

 22755B

FFFFFF

 005C44

 5AAA8D

 00442D

 75C5A8

 002D19

 91E1C3

 001600

 ADFEDF

 000000

 C9FFFB

 E6FFFF

 22755B

 22755B

 167557

 2E755F

■ 0B7554

■ 397562

■ 007550

■ 457566

■ 51756A

■ 5D756D

■ 687571

■ 747575

■ 807578

■ 8B757C

Harmonies

Analogous

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



4B7142



22755B



007677

Triad

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



22755B



58659B



945942

Complementary

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



22755B



75223C

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.



9B535A



22755B



7D5B8D

Square

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



22755B



1D6E9C



945375



826233

Rectangle

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



22755B



007587



945375



985649

Sweetspot

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



22755B



79998F



3C7522



394D47



CCCCCC



4D4D4D

Same Dimension

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



22755B



179970



226675



353B39



007A54



00FAAC

Inverse Universe

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



75223C



991740



753122



3B3537



7A0026



FA004E

Previews

White Background



This preview shows how the Hex color 22755B looks on a white background.

Color Contrast Check

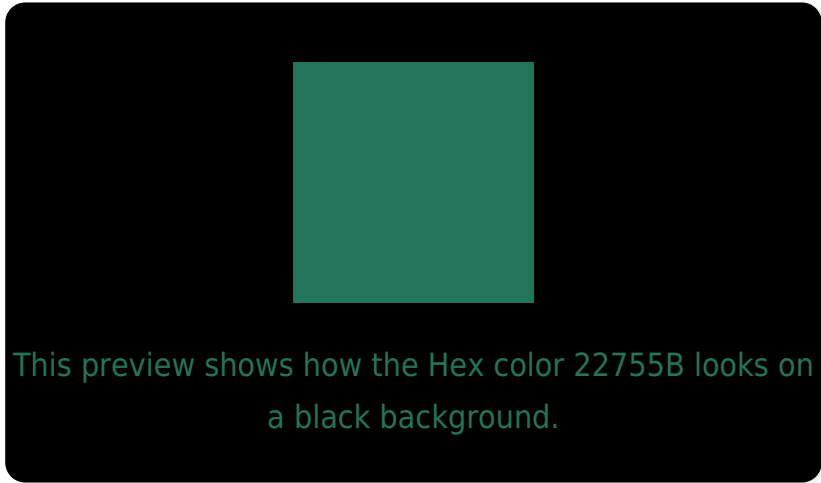
Large Text (above 18pt) WCAG AA ✓ Pass

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

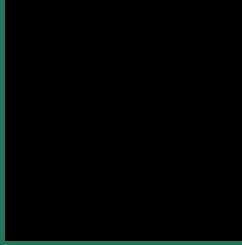
Any Text WCAG AA × Fail

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 22755B Background



This preview shows how black text looks on a background with the Hex color 22755B.

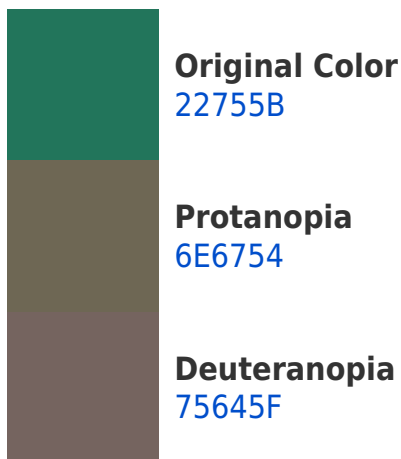


This preview shows how white text looks on a background with the Hex color 22755B.

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
30717A

Trichromacy



Original Color
22755B

Protanomaly
526C57

Deuteranomaly
576A5E

Tritanomaly
2B726F

Monochromacy



Original Color
22755B

Achromatopsia
595959

Achromatomaly
45635A

CSS Examples

Text

The CSS property to change the color of the text to Hex 22755B 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 #22755B looks like.

```
.text, #text, p{  
    color:#22755B  
}
```

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 #22755B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22755B  
}
```

Border

The CSS property to change the border of an element to Hex 22755B 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  
#22755B }
```

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

```
.border{ border-color:#22755B }
```

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

Here you see how a box with a 4 pixel #22755B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22755B; -webkit-box-shadow:4px 4px  
4px 4px #22755B; box-shadow:4px 4px 4px  
4px #22755B }
```

Background

The CSS property to change the background color of an element to Hex 22755B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22755B }
```

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

```
.background{ background-color:#22755B }
```

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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