

Converting Colors

Hex(22442E)

Have a look what the booklet for
Hex(22442E) contains.

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Color

Hex(22442E)

Conversions

Conversions Part 1

Format	Color
Hex	22442E
RGB	34, 68, 46
RGB Percent	13%, 27%, 18%
CMY	0.8667, 0.7333, 0.8196
CMYK	0.50, 0.00, 0.32, 0.73
HSL	141°, 33%, 20%
HSV	141°, 50%, 27%
XYZ	3.2200, 4.6716, 3.3168
YIQ	55.3260, -13.2020, -14.0500

Conversions

Conversions Part 2

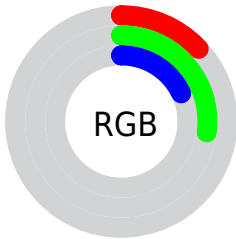
Format	Color
R_{YB}	34, 59, 68
Decimal	2245678
CIE _{Lab}	25.78, -18.29, 9.57
CIE _{LCh}	26, 20.643, 152.384
Yxy	4.6716, 0.2873, 0.4168
Android (android.graphics.Color)	4280435758 (0xFF22442E)
YUV	55.3260, -4.5977, -18.7029
Hunter-Lab	21.6138, -11.2319, 6.0313

Details

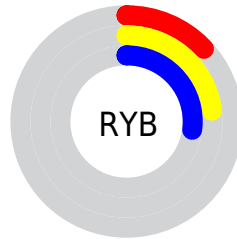
The Hex color **22442E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **442238**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **51745C**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **1B442A**, and if you desaturate by 10%, it is **294432**.

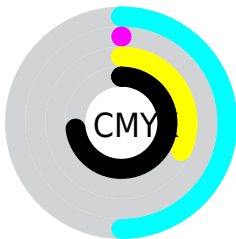
Distribution



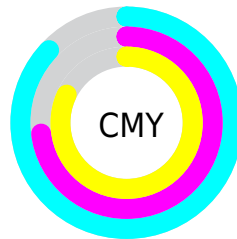
- Red (13%)
- Green (27%)
- Blue (18%)



- Red (13%)
- Yellow (23%)
- Blue (27%)



- Cyan (50%)
- Magenta (0%)
- Yellow (32%)
- Black (73%)



- Cyan (87%)
- Magenta (73%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22442E 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 22442E by changing the saturation by 10% instead.



22442E



22442E

FFFFFF



0B2D19



51745C



001A00



698E75



000000



83A98E



9DC4A9



B9E0C4



D4FDE0



F1FFFC



22442E



22442E

■ 1B442A

■ 294432

■ 144425

■ 304437

■ 0E4421

■ 36443B

■ 07441C

■ 3D4440

■ 004418

■ 444444

■ 4B4448

■ 52444D

■ 584451

■ 5F4456

Harmonies

Analogous

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



354122



22442E



06453E

Triad

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



22442E



273E5C



5A322D

Complementary

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



22442E



442238

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.



5A303C



22442E



403957

Square

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



22442E



014258



52334C



533722

Rectangle

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



22442E



004548



52334C



5B3132

Sweetspot

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



22442E



4C5951



384422



262E29



ADADAD



2E2E2E

Same Dimension

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



22442E



245937



22443F



1E211F



006122



00E04F

Inverse Universe

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



442238



592446



442227



211E20



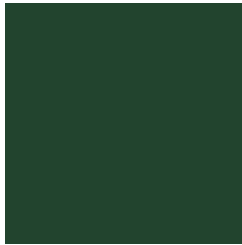
61003F



E00091

Previews

White Background



This preview shows how the Hex color 22442E looks on a white background.

Color Contrast Check

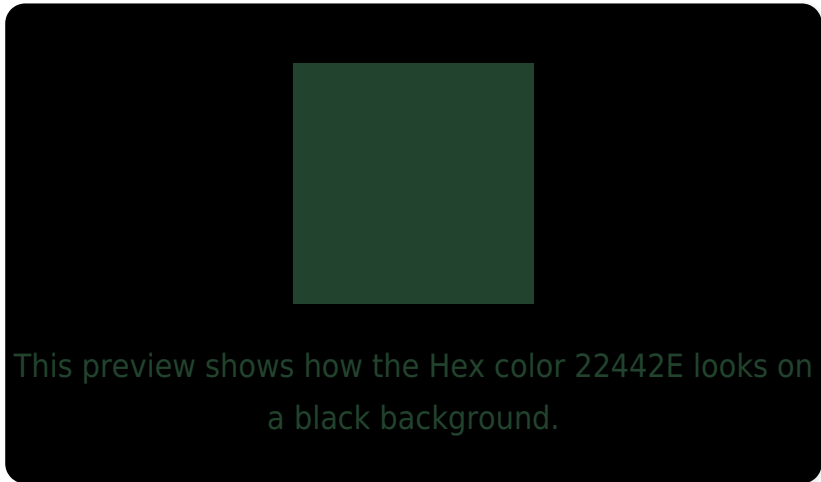
Large Text (above 18pt) WCAG AA ✓ Pass

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

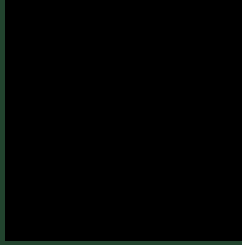
Any Text WCAG AA × Fail

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 22442E Background



This preview shows how black text looks on a background with the Hex color 22442E.



This preview shows how white text looks on a background with the Hex color 22442E.

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](#).

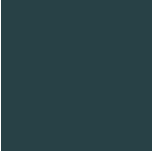
Dichromacy



Original Color
22442E

Protanopia
423D2B

Deuteranopia
473A30



Tritanopia
284146

Trichromacy



Original Color
22442E

Protanomaly
36402C

Deuteranomaly
3A3E2F

Tritanomaly
26423D

Monochromacy



Original Color
22442E

Achromatopsia
373737

Achromatomaly
2F3C34

CSS Examples

Text

The CSS property to change the color of the text to Hex 22442E 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 #22442E looks like.

```
.text, #text, p{  
    color:#22442E  
}
```

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 #22442E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22442E
}
```

Border

The CSS property to change the border of an element to Hex 22442E is called "border". The border property can be set on classes, ids or directly on the HTML element.

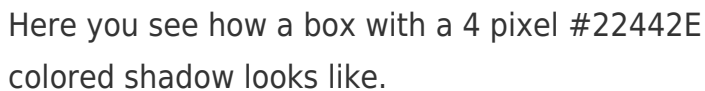
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22442E }
```

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

```
.border{ border-color:#22442E }
```

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



Here you see how a box with a 4 pixel #22442E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22442E; -webkit-box-shadow:4px 4px  
4px 4px #22442E; box-shadow:4px 4px 4px  
4px #22442E }
```

Background

The CSS property to change the background color of an element to Hex 22442E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22442E }
```

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

```
.background{ background-color:#22442E }
```

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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