

Converting Colors

Hex(455F4D)

Have a look what the booklet for
Hex(455F4D) contains.

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Color

Hex(455F4D)

Conversions

Conversions Part 1

Format	Color
Hex	455F4D
RGB	69, 95, 77
RGB Percent	27%, 37%, 30%
CMY	0.7294, 0.6275, 0.6980
CMYK	0.27, 0.00, 0.19, 0.63
HSL	138°, 16%, 32%
HSV	138°, 27%, 37%
XYZ	7.8860, 9.9854, 8.5329
YIQ	85.1740, -9.7180, -11.1100

Conversions

Conversions Part 2

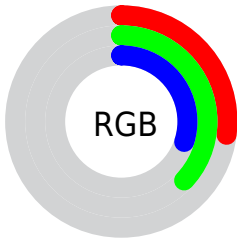
Format	Color
RYB	69, 89, 95
Decimal	4546381
CIELab	37.82, -13.89, 7.20
CIElCh	38, 15.645, 152.601
Yxy	9.9854, 0.2987, 0.3782
Android (android.graphics.Color)	4282736461 (0xFF455F4D)
YUV	85.1740, -4.0298, -14.1846
Hunter-Lab	31.5998, -10.7533, 6.1097

Details

The Hex color **455F4D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F4557**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **76927E**, and **183121** is the 20% darker color. If you saturate the color by 10%, you get **3B5F46**, and if you desaturate by 10%, it is **4E5F54**.

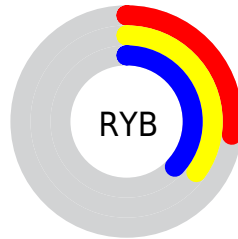
Distribution



Red (27%)

Green (37%)

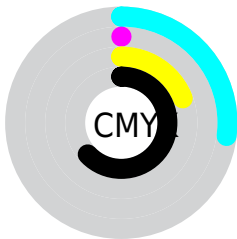
Blue (30%)



Red (27%)

Yellow (35%)

Blue (37%)

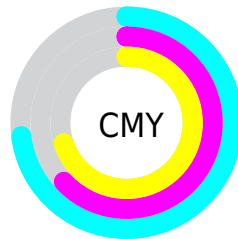


Cyan (27%)

Magenta (0%)

Yellow (19%)

Black (63%)



Cyan (73%)

Magenta (63%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 455F4D 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 455F4D by changing the saturation by 10% instead.

 455F4D

 455F4D


FFFFFF

 2E4736

 76927E

 183121

 90AC98

 011C0A

 AAC8B3

 000000

 C6E4CE

 E2FFEA

 455F4D

 455F4D

 3B5F46

 4E5F54

 325F40

 585F5A

■ 285F39

■ 625F61

■ 1F5F33

■ 6B5F67

■ 155F2C

■ 755F6E

■ 0C5F26

■ 7E5F74

■ 025F1F

■ 875F7B

■ 005F1D

■ 915F82

■ 9B5F88

Harmonies

Analogous

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



535C43



455F4D



39605A

Triad

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



455F4D



4B5A72



72514C

Complementary

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



455F4D



5F4557

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.



725058



455F4D



5C556E

Square

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



455F4D



3B5D6F



6A5265



6C5443

Rectangle

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



455F4D



346062



6A5265



735050

Sweetspot

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



455F4D



717A74



575F45



373D39



BDBDBD



3D3D3D

Same Dimension

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



455F4D



527A5E



455F5A



2C302D



007023



00F04A

Inverse Universe

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



5F4557



7A526E



5F454A



302C2F



70004E



F000A6

Previews

White Background



This preview shows how the Hex color 455F4D looks on a white background.

Color Contrast Check

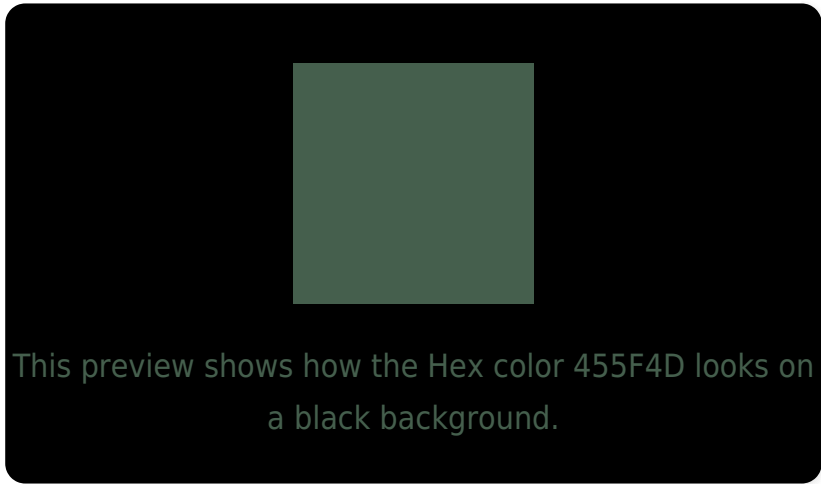
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

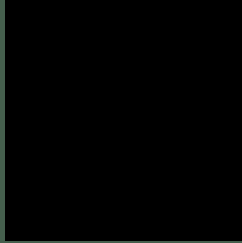
Any Text WCAG AA × Fail

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 455F4D Background



This preview shows how black text looks on a background with the Hex color 455F4D.



This preview shows how white text looks on a background with the Hex color 455F4D.

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](#).

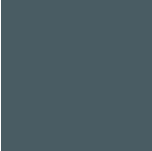
Dichromacy



Original Color
455F4D

Protanopia
5E594A

Deuteranopia
65564F



Tritanopia
495C63

Trichromacy



Original Color
455F4D

Protanomaly
555B4B

Deuteranomaly
59594E

Tritanomaly
485D5B

Monochromacy



Original Color
455F4D

Achromatopsia
555555

Achromatomaly
4F5952

CSS Examples

Text

The CSS property to change the color of the text to Hex 455F4D 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 #455F4D looks like.

```
.text, #text, p{  
    color:#455F4D  
}
```

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 #455F4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455F4D
}
```

Border

The CSS property to change the border of an element to Hex 455F4D 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
#455F4D }
```

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

```
.border{ border-color:#455F4D }
```

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

Here you see how a box with a 4 pixel #455F4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455F4D; -webkit-box-shadow:4px 4px  
4px 4px #455F4D; box-shadow:4px 4px 4px  
4px #455F4D }
```

Background

The CSS property to change the background color of an element to Hex 455F4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455F4D }
```

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

```
.background{ background-color:#455F4D }
```

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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