

Converting Colors

Hex(464D55)

Have a look what the booklet for
Hex(464D55) contains.

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Color

Hex(464D55)

Conversions

Conversions Part 1

Format	Color
Hex	464D55
RGB	70, 77, 85
RGB Percent	27%, 30%, 33%
CMY	0.7255, 0.6980, 0.6667
CMYK	0.18, 0.09, 0.00, 0.67
HSL	212°, 10%, 30%
HSV	212°, 18%, 33%
XYZ	6.8194, 7.2657, 9.6373
YIQ	75.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

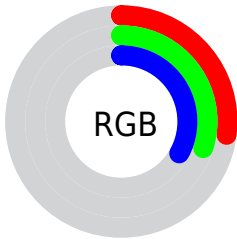
Format	Color
RYB	70, 75, 85
Decimal	4607317
CIELab	32.40, -0.87, -5.68
CIElCh	32, 5.742, 261.238
Yxy	7.2657, 0.2875, 0.3063
Android (android.graphics.Color)	4282797397 (0xFF464D55)
YUV	75.8190, 4.5262, -5.1033
Hunter-Lab	26.9550, -2.0125, -2.3297

Details

The Hex color **464D55** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **554E46**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **767E87**, and **1A2128** is the 20% darker color. If you saturate the color by 10%, you get **3D4855**, and if you desaturate by 10%, it is **4E5255**.

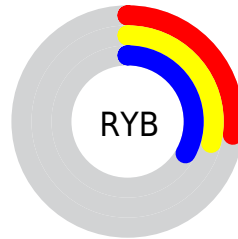
Distribution



Red (27%)

Green (30%)

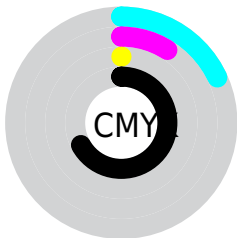
Blue (33%)



Red (27%)

Yellow (29%)

Blue (33%)

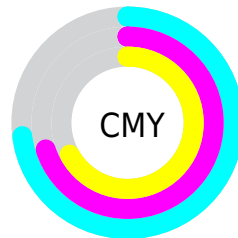


Cyan (18%)

Magenta (9%)

Yellow (0%)

Black (67%)



Cyan (73%)

Magenta (70%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464D55 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 464D55 by changing the saturation by 10% instead.

■ 464D55

■ 464D55

FFFFFF

■ 30363E

■ 767E87

■ 1A2128

■ 9098A1

■ 000A14

■ ABB2BC

■ 000000

■ C6CED7

■ E2EAF4

■ 464D55

■ 464D55

■ 3D4855

■ 4E5255

■ 354455

■ 575655

■ 2D3F55

■ 605B55

■ 243B55

■ 685F55

■ 1C3655

■ 716455

■ 133255

■ 796855

■ 0B2D55

■ 826D55

■ 022955

■ 8A7155

■ 002855

■ 937655

Harmonies

Analogous

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



424E53



464D55



4C4C55

Triad

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



464D55



564949



474E46

Complementary

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



464D55



554E46

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.



4C4D44



464D55



554A45

Square

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



464D55



55494E



514B43



434F4B

Rectangle

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



464D55



4F4B53



514B43



494E45

Sweetspot

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



464D55



686B6E



46554E



353638



B8B8B8



383838

Same Dimension

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



464D55



57616E



474655



27292B



00326B



006DEB

Inverse Universe

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



55464D



6E5761



545546



2B2729



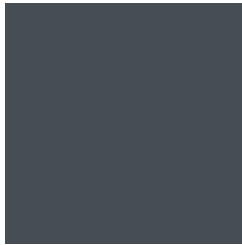
6B0032



EB006D

Previews

White Background



This preview shows how the Hex color 464D55 looks on a white background.

Color Contrast Check

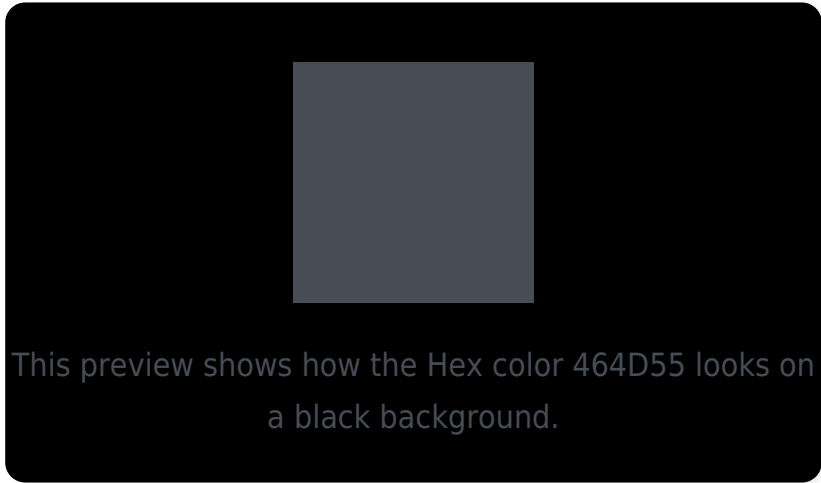
Large Text (above 18pt) WCAG AA ✓ Pass

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

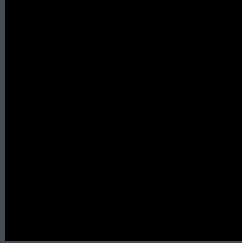
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

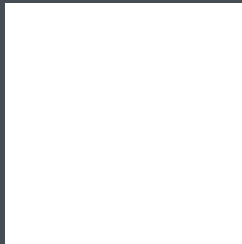
Any Text WCAG AAA × Fail

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

Hex 464D55 Background



This preview shows how black text looks on a background with the Hex color 464D55.



This preview shows how white text looks on a background with the Hex color 464D55.

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
464D55

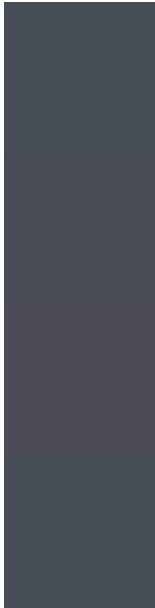
Protanopia
4B4C54

Deuteranopia
4F4A56



Tritanopia
464D53

Trichromacy



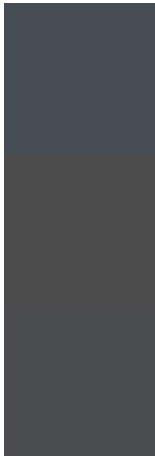
Original Color
464D55

Protanomaly
494C54

Deuteranomaly
4C4B56

Tritanomaly
464D54

Monochromacy



Original Color
464D55

Achromatopsia
4C4C4C

Achromatomaly
4A4C4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 464D55 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 #464D55 looks like.

```
.text, #text, p{  
    color:#464D55  
}
```

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 #464D55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464D55
}
```

Border

The CSS property to change the border of an element to Hex 464D55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

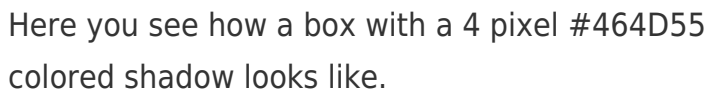
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464D55 }
```

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

```
.border{ border-color:#464D55 }
```

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



Here you see how a box with a 4 pixel #464D55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464D55; -webkit-box-shadow:4px 4px  
4px 4px #464D55; box-shadow:4px 4px 4px  
4px #464D55 }
```

Background

The CSS property to change the background color of an element to Hex 464D55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464D55 }
```

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

```
.background{ background-color:#464D55 }
```

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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