

Converting Colors

Hex(464656)

Have a look what the booklet for
Hex(464656) contains.

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Color

Hex(464656)

Conversions

Conversions Part 1

Format	Color
Hex	464656
RGB	70, 70, 86
RGB Percent	27%, 27%, 34%
CMY	0.7255, 0.7255, 0.6627
CMYK	0.19, 0.19, 0.00, 0.66
HSL	240°, 10%, 31%
HSV	240°, 19%, 34%
XYZ	6.3957, 6.3543, 9.6935
YIQ	71.8240, -5.1360, 4.9760

Conversions

Conversions Part 2

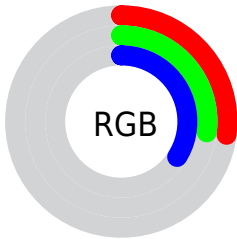
Format	Color
R_{YB}	70, 70, 86
Decimal	4605526
CIE Lab	30.29, 3.85, -9.49
CIE LCh	30, 10.244, 292.055
Yxy	6.3543, 0.2850, 0.2831
Android (android.graphics.Color)	4282795606 (0xFF464656)
YUV	71.8240, 6.9888, -1.5996
Hunter-Lab	25.2077, 1.1752, -5.1543

Details

The Hex color **464656** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **565646**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **767688**, and **1A1B29** is the 20% darker color. If you saturate the color by 10%, you get **3D3D56**, and if you desaturate by 10%, it is **4F4F56**.

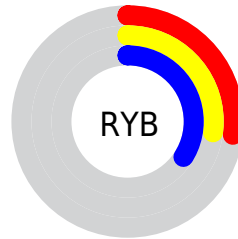
Distribution



Red (27%)

Green (27%)

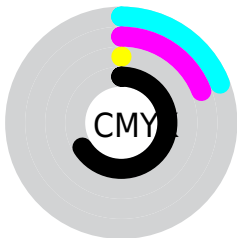
Blue (34%)



Red (27%)

Yellow (27%)

Blue (34%)

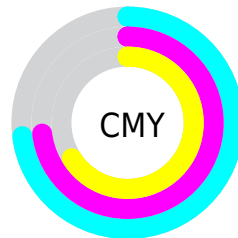


Cyan (19%)

Magenta (19%)

Yellow (0%)

Black (66%)



Cyan (73%)

Magenta (73%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464656 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 464656 by changing the saturation by 10% instead.



464656



464656

FFFFFF



2F303F



767688



1A1B29



9090A2



000015



ABAABD



000000



C6C6D9



E2E2F5

FFFEFF



464656



464656



3D3D56



4F4F56

■ 353556

■ 575756

■ 2C2C56

■ 606056

■ 242456

■ 686856

■ 1B1B56

■ 717156

■ 121256

■ 7A7A56

■ 0A0A56

■ 828256

■ 010156

■ 8B8B56

■ 000056

■ 939356

Harmonies

Analogous

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



3C4957



464656



504351

Triad

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



464656



56443B



364C45

Complementary

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



464656



565646

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.



3E4B3D



464656



504638

Square

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



464656



584242



474938



324C4D

Rectangle

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



464656



54424C



474938



384C42

Sweetspot

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



464656



696970



465656



343438



B8B8B8



383838

Same Dimension

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



464656



585870



4E4656



27272B



00006B



0000EB

Inverse Universe

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



564656



705870



4E5646



2B272B



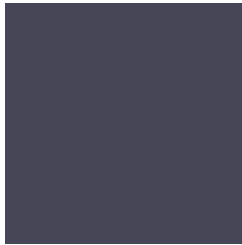
6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 464656 looks on a white background.

Color Contrast Check

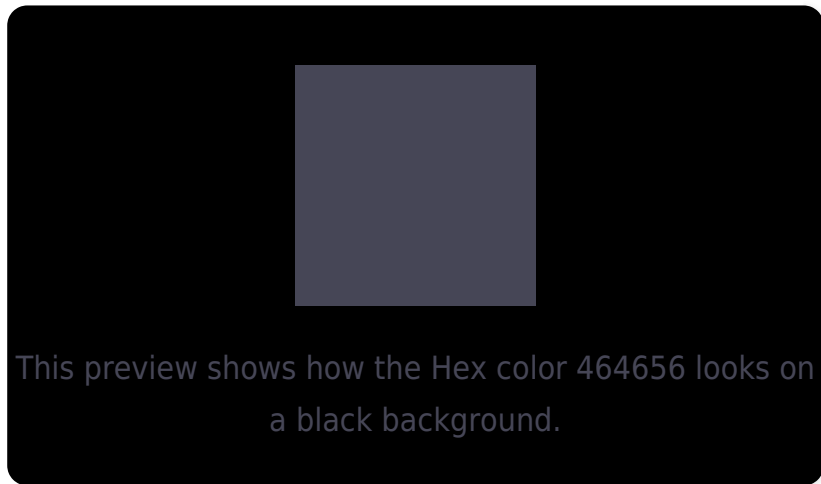
Large Text (above 18pt) WCAG AA ✓ Pass

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

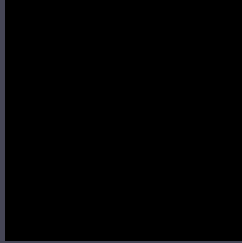
Any Text WCAG AA × Fail

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 464656 Background



This preview shows how black text looks on a background with the Hex color 464656.



This preview shows how white text looks on a background with the Hex color 464656.

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
464656

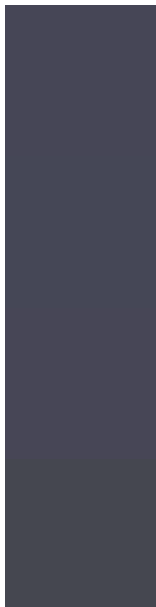
Protanopia
444756

Deuteranopia
474656



Tritanopia
44484D

Trichromacy



Original Color

464656

Protanomaly

454756

Deuteranomaly

474656

Tritanomaly

454750

Monochromacy



Original Color

464656

Achromatopsia

484848

Achromatomaly

47474D

CSS Examples

Text

The CSS property to change the color of the text to Hex 464656 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 #464656 looks like.

```
.text, #text, p{  
    color:#464656  
}
```

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 #464656 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464656
}
```

Border

The CSS property to change the border of an element to Hex 464656 is called "border". The border property can be set on classes, ids or directly on the HTML element.

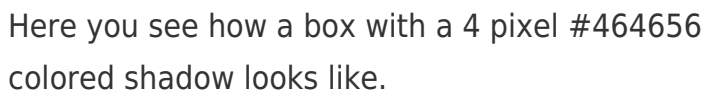
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464656 }
```

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

```
.border{ border-color:#464656 }
```

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



Here you see how a box with a 4 pixel #464656 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464656; -webkit-box-shadow:4px 4px  
4px 4px #464656; box-shadow:4px 4px 4px  
4px #464656 }
```

Background

The CSS property to change the background color of an element to Hex 464656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464656 }
```

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

```
.background{ background-color:#464656 }
```

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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