

Converting Colors

Hex(4C4356)

Have a look what the booklet for
Hex(4C4356) contains.

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Color

Hex(4C4356)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 4C4356 |
| RGB | 76, 67, 86 |
| RGB Percent | 30%, 26%, 34% |
| CMY | 0.7020, 0.7373, 0.6627 |
| CMYK | 0.12, 0.22, 0.00, 0.66 |
| HSL | 268°, 12%, 30% |
| HSV | 268°, 22%, 34% |
| XYZ | 6.6674, 6.2227, 9.6538 |
| YIQ | 71.8570, -0.7350, 7.8170 |

Conversions

Conversions Part 2

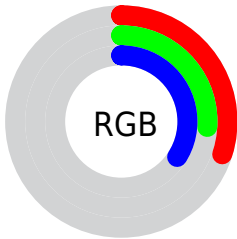
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 76, 67, 86 |
| Decimal | 4997974 |
| CIE Lab | 29.97, 8.07, -9.93 |
| CIE LCh | 30, 12.796, 309.120 |
| Yxy | 6.2227, 0.2958, 0.2760 |
| Android (android.graphics.Color) | 4283188054 (0xFF4C4356) |
| YUV | 71.8570, 6.9725, 3.6334 |
| Hunter-Lab | 24.9453, 4.0550, -5.4834 |

Details

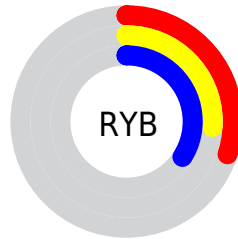
The Hex color **4C4356** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4D5643**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7D7388**, and **201829** is the 20% darker color. If you saturate the color by 10%, you get **473A56**, and if you desaturate by 10%, it is **514C56**.

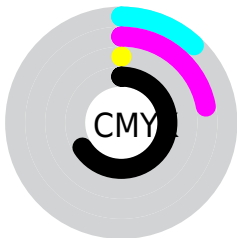
Distribution



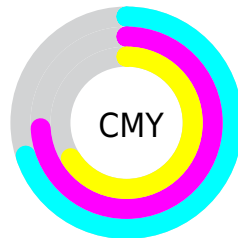
- Red (30%)
- Green (26%)
- Blue (34%)



- Red (30%)
- Yellow (26%)
- Blue (34%)



- Cyan (12%)
- Magenta (22%)
- Yellow (0%)
- Black (66%)



- Cyan (70%)
- Magenta (74%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4356 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 4C4356 by changing the saturation by 10% instead.



4C4356



4C4356

FFFFFF



352D3F



7D7388



201829



978DA2



090015



B2A7BD



000000



CDC2D9



E9DEF5



FFFBFF



4C4356



4C4356



473A56



514C56

■ 433256

■ 555456

■ 3E2956

■ 5A5D56

■ 3A2156

■ 5E6556

■ 351856

■ 636E56

■ 310F56

■ 677756

■ 2C0756

■ 6C7F56

■ 290056

■ 708856

■ 759056

Harmonies

Analogous

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



3F465A



4C4356



56404E

Triad

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



4C4356



544434



2C4C49

Complementary

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



4C4356



4D5643

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.



354C3F



4C4356



4B4733

Square

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



4C4356



5A413A



404A37



2A4C53

Rectangle

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



4C4356



5A3F47



404A37



2E4C46

Sweetspot

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



4C4356



6C6870



434D56



363438



B8B8B8



383838

Same Dimension

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



4C4356



605270



554356



29272B



33006B



6F00EB

Inverse Universe

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



56434D



705262



445643



2B2729



6B0038



EB007B

Previews

White Background



This preview shows how the Hex color 4C4356 looks on a white background.

Color Contrast Check

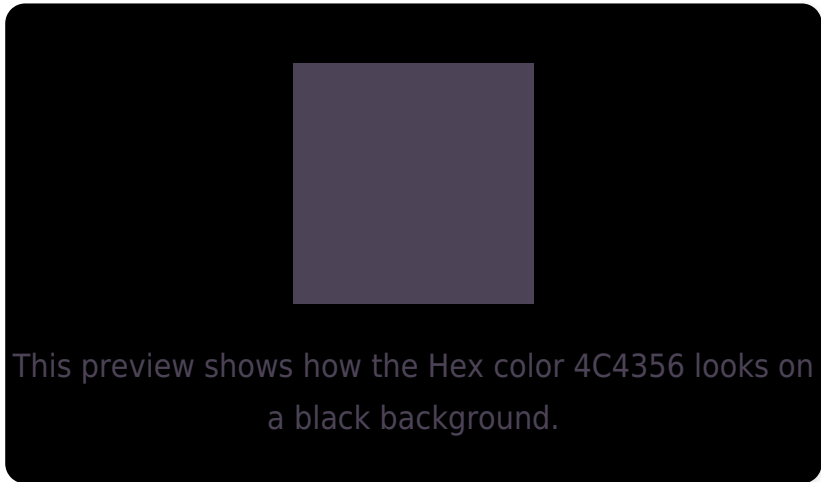
Large Text (above 18pt) WCAG AA ✓ Pass

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

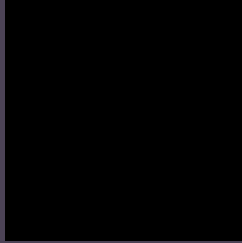
Any Text WCAG AA × Fail

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 4C4356 Background



This preview shows how black text looks on a background with the Hex color 4C4356.



This preview shows how white text looks on a background with the Hex color 4C4356.

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
4C4356

Protanopia
424658

Deuteranopia
464556



Tritanopia
4A454B

Trichromacy



Original Color

4C4356

Protanomaly

464557

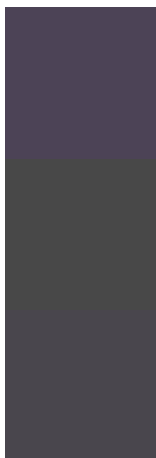
Deuteranomaly

484456

Tritanomaly

4B444F

Monochromacy



Original Color

4C4356

Achromatopsia

484848

Achromatomaly

49464D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4356 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 #4C4356 looks like.

```
.text, #text, p{  
    color:#4C4356  
}
```

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 #4C4356 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4356
}
```

Border

The CSS property to change the border of an element to Hex 4C4356 is called "border". The border property can be set on classes, ids or directly on the HTML element.

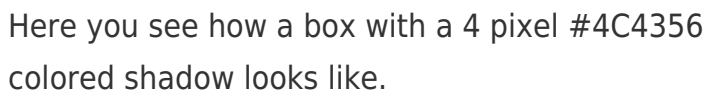
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C4356 }
```

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

```
.border{ border-color:#4C4356 }
```

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



Here you see how a box with a 4 pixel #4C4356 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4356; -webkit-box-shadow:4px 4px  
4px 4px #4C4356; box-shadow:4px 4px 4px  
4px #4C4356 }
```

Background

The CSS property to change the background color of an element to Hex 4C4356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4356 }
```

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

```
.background{ background-color:#4C4356 }
```

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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