

Converting Colors

Hex(456561)

Have a look what the booklet for
Hex(456561) contains.

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Color

Hex(456561)

Conversions

Conversions Part 1

Format	Color
Hex	456561
RGB	69, 101, 97
RGB Percent	27%, 40%, 38%
CMY	0.7294, 0.6039, 0.6196
CMYK	0.32, 0.00, 0.04, 0.60
HSL	172°, 19%, 33%
HSV	172°, 32%, 40%
XYZ	9.2656, 11.4356, 13.0282
YIQ	90.9760, -17.7880, -8.0280

Conversions

Conversions Part 2

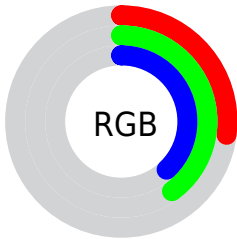
Format	Color
RYB	69, 86, 101
Decimal	4547937
CIELab	40.30, -12.58, -1.48
CIElCh	40, 12.662, 186.695
Yxy	11.4356, 0.2747, 0.3390
Android (android.graphics.Color)	4282738017 (0xFF456561)
YUV	90.9760, 2.9698, -19.2730
Hunter-Lab	33.8166, -10.2709, 0.8295

Details

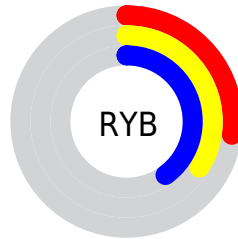
The Hex color **456561** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **654549**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **769894**, and **173633** is the 20% darker color. If you saturate the color by 10%, you get **3B6560**, and if you desaturate by 10%, it is **4F6562**.

Distribution



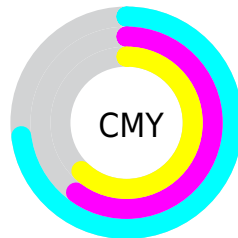
- Red (27%)
- Green (40%)
- Blue (38%)



- Red (27%)
- Yellow (34%)
- Blue (40%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)
- Black (60%)



- Cyan (73%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456561 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 456561 by changing the saturation by 10% instead.

456561

456561

FFFFFF

2E4D49

769894

173633

90B3AE

01211E

ABCEC9

000205

C7EBE6

000000

E3FFFF

456561

456561

3B6560

4F6562

31655E

596564

■ 27655D

■ 636565

■ 1D655C

■ 6D6566

■ 13655B

■ 786567

■ 086559

■ 826569

■ 006558

■ 8C656A

■ 96656B

■ A0656C

Harmonies

Analogous

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



4E6456



456561



43646B

Triad

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



456561



645C70



6E5C4C

Complementary

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



456561



654549

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.



745953



456561



6E5967

Square

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



456561



565F73



74585D



655F4B

Rectangle

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



456561



476370



74585D



715B4E

Sweetspot

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



456561



758280



496545



3A4241



C2C2C2



424242

Same Dimension

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



456561



51827C



455965



2E3332



007364



00F2D4

Inverse Universe

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



654549



825157



655145



332E2F



73000E



F2001E

Previews

White Background



This preview shows how the Hex color 456561 looks on a white background.

Color Contrast Check

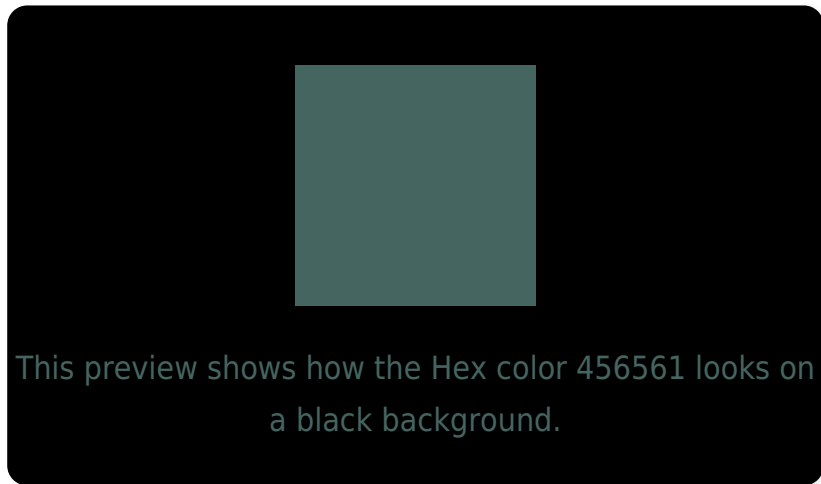
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

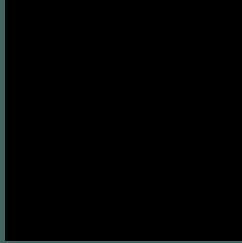
Any Text WCAG AA × Fail

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 456561 Background



This preview shows how black text looks on a background with the Hex color 456561.

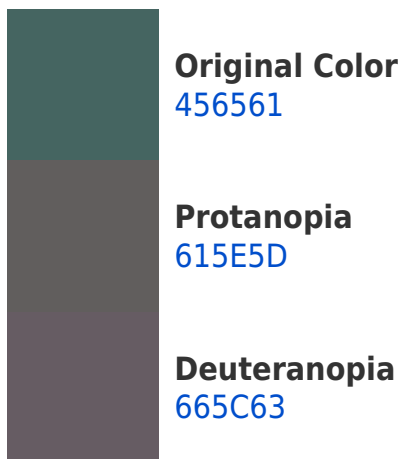


This preview shows how white text looks on a background with the Hex color 456561.

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](#).

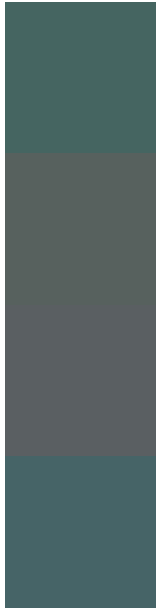
Dichromacy





Tritanopia
47636B

Trichromacy



Original Color
456561

Protanomaly
57615E

Deuteranomaly
5A5F62

Tritanomaly
466467

Monochromacy



Original Color
456561

Achromatopsia
5B5B5B

Achromatomaly
535F5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 456561 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 #456561 looks like.

```
.text, #text, p{  
    color:#456561  
}
```

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 #456561 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456561
}
```

Border

The CSS property to change the border of an element to Hex 456561 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
#456561 }
```

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

```
.border{ border-color:#456561 }
```

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

Here you see how a box with a 4 pixel #456561 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456561; -webkit-box-shadow:4px 4px  
4px 4px #456561; box-shadow:4px 4px 4px  
4px #456561 }
```

Background

The CSS property to change the background color of an element to Hex 456561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456561 }
```

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

```
.background{ background-color:#456561 }
```

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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