

Converting Colors

Hex(45654B)

Have a look what the booklet for
Hex(45654B) contains.

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Color

Hex(45654B)

Conversions

Conversions Part 1

Format	Color
Hex	45654B
RGB	69, 101, 75
RGB Percent	27%, 40%, 29%
CMY	0.7294, 0.6039, 0.7059
CMYK	0.32, 0.00, 0.26, 0.60
HSL	131°, 19%, 33%
HSV	131°, 32%, 40%
XYZ	8.3779, 11.0806, 8.3538
YIQ	88.4680, -10.7260, -14.8700

Conversions

Conversions Part 2

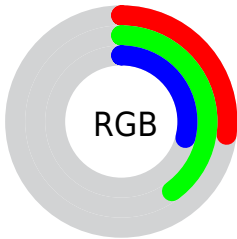
Format	Color
RYB	69, 96, 101
Decimal	4547915
CIELab	39.72, -17.63, 11.08
CIElCh	40, 20.825, 147.864
Yxy	11.0806, 0.3012, 0.3984
Android (android.graphics.Color)	4282737995 (0xFF45654B)
YUV	88.4680, -6.6397, -17.0734
Hunter-Lab	33.2875, -13.3275, 8.4219

Details

The Hex color **45654B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **65455F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **76987C**, and **17361F** is the 20% darker color. If you saturate the color by 10%, you get **3B6543**, and if you desaturate by 10%, it is **4F6553**.

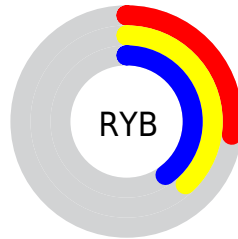
Distribution



Red (27%)

Green (40%)

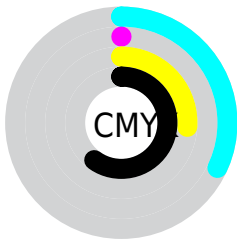
Blue (29%)



Red (27%)

Yellow (38%)

Blue (40%)

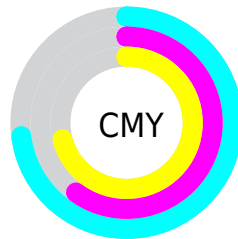


Cyan (32%)

Magenta (0%)

Yellow (26%)

Black (60%)



Cyan (73%)

Magenta (60%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45654B 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 45654B by changing the saturation by 10% instead.

 45654B

 45654B

FFFFFF

 2E4D34

 76987C

 17361F

 90B396

 012108

 ABCFB0

 000000

 C6EBCC


 E3FFE8

 45654B

 45654B

 3B6543

 4F6553

 31653B

 59655B

 276532

 636564

 1D652A

 6D656C

 136522

 786574

 08651A

 82657C

 006513

 8C6584

 96658D

 A06595

Harmonies

Analogous

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



59613F



45654B



31675C

Triad

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



45654B



45607F



7F524F

Complementary

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



45654B



65455F

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.



7D515F



45654B



5E5A7B

Square

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



45654B



2D647A



725470



785641

Rectangle

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



45654B



276767



725470



7F5154

Sweetspot

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



45654B



758277



5F6545



3A423C



C2C2C2



424242

Same Dimension

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



45654B



51825A



45655B



2E332F



007316



00F22D

Inverse Universe

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



65455F



825179



65454F



332E32



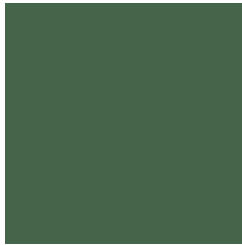
73005D



F200C5

Previews

White Background



This preview shows how the Hex color 45654B looks on a white background.

Color Contrast Check

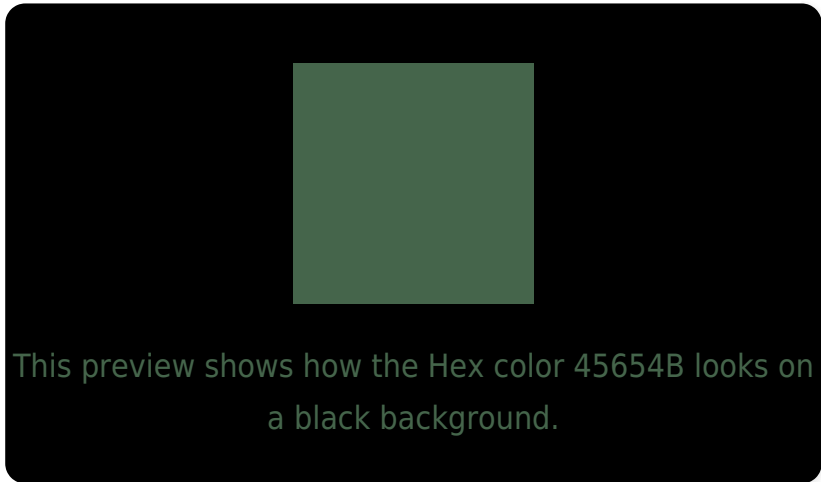
Large Text (above 18pt) WCAG AA ✓ Pass

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

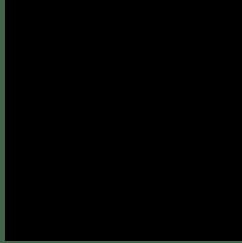
Any Text WCAG AA × Fail

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 45654B Background



This preview shows how black text looks on a background with the Hex color 45654B.



This preview shows how white text looks on a background with the Hex color 45654B.

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
45654B

Protanopia
645D47

Deuteranopia
6C5A4D



Tritanopia
4B6169

Trichromacy



Original Color
45654B

Protanomaly
596048

Deuteranomaly
5E5E4C

Tritanomaly
49625E

Monochromacy



Original Color
45654B

Achromatopsia
585858

Achromatomaly
515D53

CSS Examples

Text

The CSS property to change the color of the text to Hex 45654B 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 #45654B looks like.

```
.text, #text, p{  
    color:#45654B  
}
```

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 #45654B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45654B
}
```

Border

The CSS property to change the border of an element to Hex 45654B 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
#45654B }
```

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

```
.border{ border-color:#45654B }
```

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

Here you see how a box with a 4 pixel #45654B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45654B; -webkit-box-shadow:4px 4px  
4px 4px #45654B; box-shadow:4px 4px 4px  
4px #45654B }
```

Background

The CSS property to change the background color of an element to Hex 45654B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45654B }
```

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

```
.background{ background-color:#45654B }
```

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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