

# Converting Colors

Hex(454527)

Have a look what the booklet for  
Hex(454527) contains.

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# Color

**Hex(454527)**

# Conversions

Conversions Part 1	
Format	Color
Hex	454527
RGB	69, 69, 39
RGB Percent	27%, 27%, 15%
CMY	0.7294, 0.7294, 0.8471
CMYK	0.00, 0.00, 0.43, 0.73
HSL	60°, 28%, 21%
HSV	60°, 43%, 27%
XYZ	4.9486, 5.6679, 2.7527
YIQ	65.5800, 9.6300, -9.3300

# Conversions

## Conversions Part 2

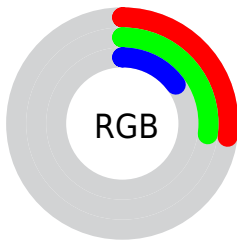
Format	Color
<a href="#">RYB</a>	<a href="#">39, 69, 39</a>
Decimal	<a href="#">4539687</a>
CIELab	<a href="#">28.56, -5.36, 18.13</a>
CIELCh	<a href="#">29, 18.903, 106.475</a>
Yxy	<a href="#">5.6679, 0.3701, 0.4240</a>
Android (android.graphics.Color)	<a href="#">4282729767</a> (0xFF454527)
YUV	<a href="#">65.5800, -13.1039, 2.9993</a>
Hunter-Lab	<a href="#">23.8074, -4.5603, 9.8100</a>

# Details

The Hex color **454527** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **272745**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **767555**, and **1A1A00** is the 20% darker color. If you saturate the color by 10%, you get **454520**, and if you desaturate by 10%, it is **45452E**.

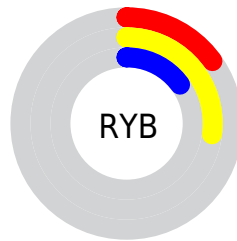
# Distribution



Red (27%)

Green (27%)

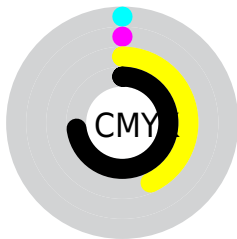
Blue (15%)



Red (15%)

Yellow (27%)

Blue (15%)

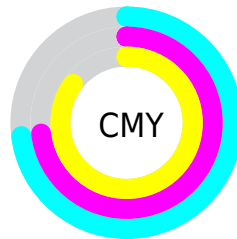


Cyan (0%)

Magenta (0%)

Yellow (43%)

Black (73%)



Cyan (73%)

Magenta (73%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 454527 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 454527 by changing the saturation by 10% instead.



 454527

 454527

FFFFFF

 2E2F12

 767555

 1A1A00

 908F6D

 000000

 AAA986

 C6C4A1

 E2E0BC

 FFFDD8

 FFFFF4

 454527

 454527

 454520

 45452E

 454519

 454535

 454512

 45453C

 45450B

 454543

 454504

 45454A

 454500

 454550

 454557

 45455E

 454565

# Harmonies

## Analogous

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



534027



454527



35492F

# Triad

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



454527



0D4A58



5C394B

# Complementary

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



454527



272745

# 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.



4F3D58



454527



23475F

# Square

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



454527



0F4B4B



3B425F



60383C

# Rectangle

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



454527



294A37



3B425F



583A4F



# Sweetspot

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



454527



59594E



452727



2E2E27



ADADAD



2E2E2E



# Same Dimension

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



454527



59592B



364527



242420



636300



E3E300



# Inverse Universe

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



272745



2B2B59



362745



202024



000063



0000E3



# Previews

## White Background



This preview shows how the Hex color 454527 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



This preview shows how the Hex color 454527 looks on a 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 454527 Background



This preview shows how black text looks on a background with the Hex color 454527.

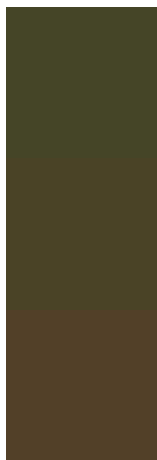


This preview shows how white text looks on a background with the Hex color 454527.

# 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**

454527

**Protanopia**

4A4326

**Deuteranopia**

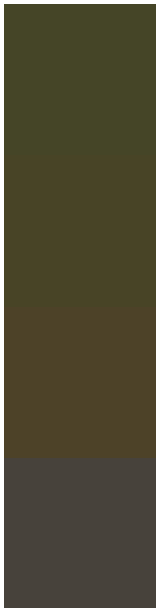
524028



# Tritanopia

484146

# Trichromacy



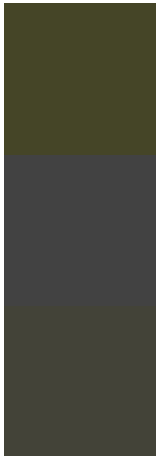
**Original Color**  
454527

**Protanomaly**  
484426

**Deuteranomaly**  
4D4228

**Tritanomaly**  
47423B

# Monochromacy



**Original Color**  
454527

**Achromatopsia**  
424242

**Achromatomaly**  
434338

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 454527 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 #454527 looks like.

```
.text, #text, p{  
    color:#454527  
}
```

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 #454527 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454527
}
```

## Border

The CSS property to change the border of an element to Hex 454527 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
#454527 }
```

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

```
.border{ border-color:#454527 }
```

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

Here you see how a box with a 4 pixel #454527 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454527; -webkit-box-shadow:4px 4px  
4px 4px #454527; box-shadow:4px 4px 4px  
4px #454527 }
```

# Background

The CSS property to change the background color of an element to Hex 454527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454527 }
```

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

```
.background{ background-color:#454527 }
```

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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