

# Converting Colors

Hex(556527)

Have a look what the booklet for  
Hex(556527) contains.

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**Color**

**Hex(556527)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	556527
RGB	85, 101, 39
RGB Percent	33%, 40%, 15%
CMY	0.6667, 0.6039, 0.8471
CMYK	0.16, 0.00, 0.61, 0.60
HSL	75°, 44%, 27%
HSV	75°, 61%, 40%
XYZ	8.7662, 11.3851, 3.6550
YIQ	89.1480, 10.3660, -22.6740

# Conversions

## Conversions Part 2

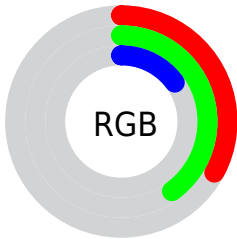
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 101, 55
Decimal	5596455
CIELab	40.22, -16.43, 32.42
CIELCh	40, 36.343, 116.876
Yxy	11.3851, 0.3682, 0.4782
Android (android.graphics.Color)	4283786535 (0xFF556527)
YUV	89.1480, -24.7230, -3.6378
Hunter-Lab	33.7419, -12.6736, 17.1969

# Details

The Hex color **556527** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **372765**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **889857**, and **263600** is the 20% darker color. If you saturate the color by 10%, you get **52651D**, and if you desaturate by 10%, it is **586531**.

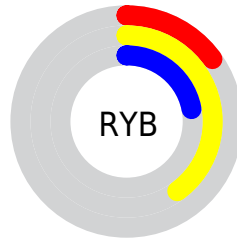
# Distribution



Red (33%)

Green (40%)

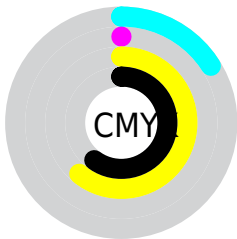
Blue (15%)



Red (15%)

Yellow (40%)

Blue (22%)

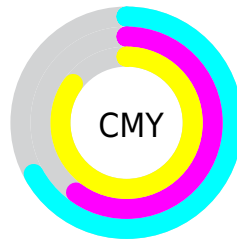


Cyan (16%)

Magenta (0%)

Yellow (61%)

Black (60%)



Cyan (67%)

Magenta (60%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 556527 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 556527 by changing the saturation by 10% instead.



 556527

 556527

FFFFFF

 3D4D0F

 889857

 263600

 A3B370

 0D2100

 BFCE8A

 000200

 DBEAA4

 000000

 F8FFC0

 FFFFDC

 FFFFF8

 556527

 556527

■ 52651D

■ 586531

■ 506513

■ 5A653B

■ 4D6509

■ 5D6545

■ 4B6500

■ 5F654F

■ 62655A

■ 656564

■ 67656E

■ 6A6578

■ 6C6582

# Harmonies

## Analogous

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



725C21



556527



2F6B3D

# Triad

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



556527



006A90



934563

# Complementary

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



556527



372765

# 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.



804C80



556527



13639A

# Square

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



556527



006D79



5B5894



954746

# Rectangle

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



556527



006D50



5B5894



8F476D



# Sweetspot

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



556527



7C826B



653727



3F4234



C2C2C2



424242



# Same Dimension

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



556527



698222



376527



32332E



557300



B4F200



# Inverse Universe

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



372765



3B2282



562765



2F2E33



1E0073



3F00F2



# Previews

## White Background



This preview shows how the Hex color 556527 looks on a white background.

## Color Contrast Check

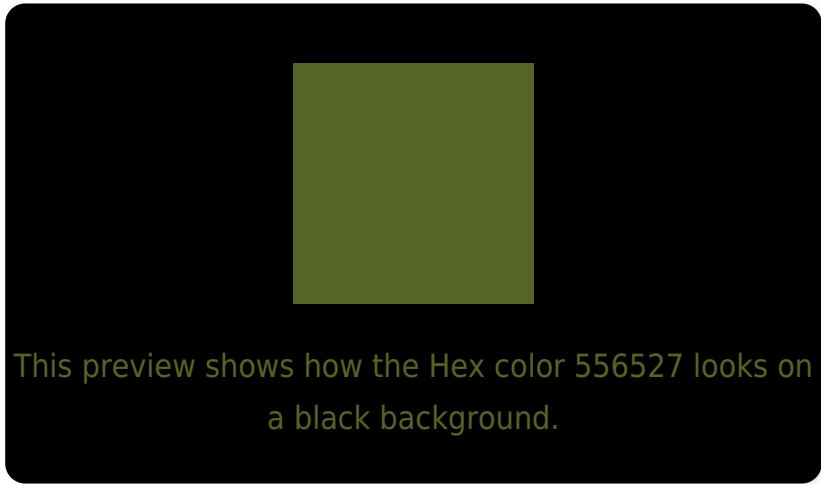
Large Text (above 18pt) WCAG AA ✓ Pass

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

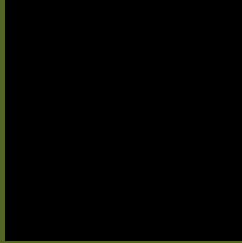
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 556527 Background



This preview shows how black text looks on a background with the Hex color 556527.



This preview shows how white text looks on a background with the Hex color 556527.

# 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**  
556527

**Protanopia**  
6A5F25

**Deuteranopia**  
755A2A



**Tritanopia**  
5C5F66

# Trichromacy



**Original Color**  
556527

**Protanomaly**  
626126

**Deuteranomaly**  
695E29

**Tritanomaly**  
59614F

# Monochromacy



**Original Color**  
556527

**Achromatopsia**  
595959

**Achromatomaly**  
585D47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 556527 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 #556527 looks like.

```
.text, #text, p{  
    color:#556527  
}
```

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 #556527 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556527
}
```

## Border

The CSS property to change the border of an element to Hex 556527 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
#556527 }
```

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

```
.border{ border-color:#556527 }
```

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

Here you see how a box with a 4 pixel #556527 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556527; -webkit-box-shadow:4px 4px  
4px 4px #556527; box-shadow:4px 4px 4px  
4px #556527 }
```

# Background

The CSS property to change the background color of an element to Hex 556527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556527 }
```

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

```
.background{ background-color:#556527 }
```

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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