

# Converting Colors

Hex(366227)

Have a look what the booklet for  
Hex(366227) contains.

<b>Hex(366227)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(366227)**

# Conversions

## Conversions Part 1

Format	Color
Hex	366227
RGB	54, 98, 39
RGB Percent	21%, 38%, 15%
CMY	0.7882, 0.6157, 0.8471
CMYK	0.45, 0.00, 0.60, 0.62
HSL	105°, 43%, 27%
HSV	105°, 60%, 38%
XYZ	6.2552, 9.6661, 3.4555
YIQ	78.1180, -7.2850, -27.6770

# Conversions

## Conversions Part 2

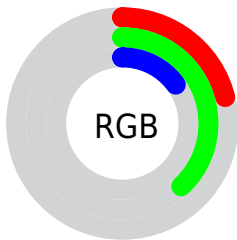
Format	Color
R <sub>Y</sub> B	39, 98, 83
Decimal	3564071
CIE Lab	37.24, -27.60, 28.47
CIE LCh	37, 39.648, 134.113
Yxy	9.6661, 0.3228, 0.4988
Android (android.graphics.Color)	4281754151 (0xFF366227)
YUV	78.1180, -19.2852, -21.1515
Hunter-Lab	31.0904, -18.4950, 15.1735

# Details

The Hex color **366227** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **532762**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **689556**, and **053300** is the 20% darker color. If you saturate the color by 10%, you get **2F621D**, and if you desaturate by 10%, it is **3D6231**.

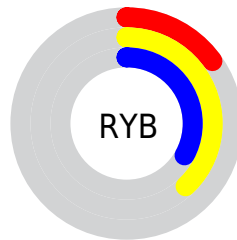
# Distribution



Red (21%)

Green (38%)

Blue (15%)



Red (15%)

Yellow (38%)

Blue (33%)

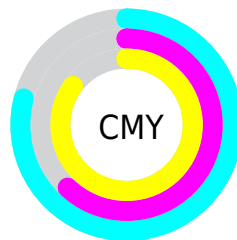


Cyan (45%)

Magenta (0%)

Yellow (60%)

Black (62%)



Cyan (79%)

Magenta (62%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 366227 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 366227 by changing the saturation by 10% instead.



 366227

 366227

FFFFFF

 1D4A10

 689556

 053300

 82B06F

 002000

 9DCC89

 000000

 B8E8A3

 D4FFBF

 F1FFDB

 FFFFF7

 366227

 366227

■ 2F621D

■ 3D6231

■ 276213

■ 45623B

■ 20620A

■ 4C6244

■ 196200

■ 53624E

■ 5B6258

■ 626262

■ 69626C

■ 706275

■ 78627F

# Harmonies

## Analogous

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



5A5B13



366227



006645

# Triad

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



366227



006095



923A4A

# Complementary

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



366227



532762

# 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.



893D6A



366227



375696

# Square

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



366227



006583



6D4986



8B432C

# Rectangle

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



366227



00675B



6D4986



913A55



# Sweetspot

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



366227



6E8069



625227



354032



BFBFBF



404040



# Same Dimension

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



366227



3B8024



276235



2D302C



1D7000



3DF000



# Inverse Universe

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



532762



682480



622754



2F2C30



540070

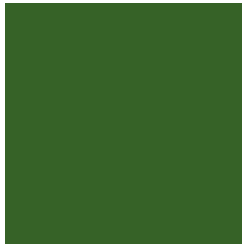


B300F0



# Previews

## White Background



This preview shows how the Hex color 366227 looks on a white background.

## Color Contrast Check

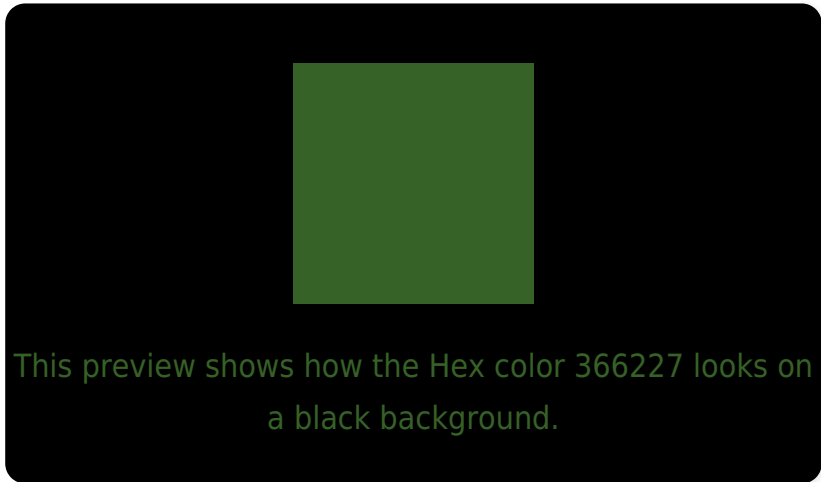
Large Text (above 18pt) WCAG AA ✓ Pass

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

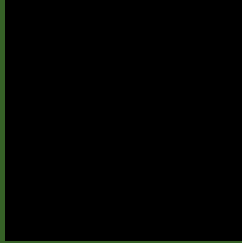
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 366227 Background



This preview shows how black text looks on a background with the Hex color 366227.



This preview shows how white text looks on a background with the Hex color 366227.

# 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**  
366227

**Protanopia**  
615724

**Deuteranopia**  
6B532B



**Tritanopia**  
415C63

# Trichromacy



**Original Color**  
366227

**Protanomaly**  
515B25

**Deuteranomaly**  
58582A

**Tritanomaly**  
3D5E4D

# Monochromacy



**Original Color**  
366227

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
455540

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 366227 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 #366227 looks like.

```
.text, #text, p{  
  color:#366227  
}
```

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 #366227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #366227
}
```

## Border

The CSS property to change the border of an element to Hex 366227 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".

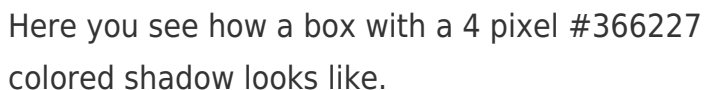
```
.border, #border, table{ border:4px solid
#366227 }
```

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

```
.border{ border-color:#366227 }
```

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

Here you see how a box with a 4 pixel #366227 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #366227; -webkit-box-shadow:4px 4px  
4px 4px #366227; box-shadow:4px 4px 4px  
4px #366227 }
```

# Background

The CSS property to change the background color of an element to Hex 366227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#366227 }
```

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

```
.background{ background-color:#366227 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor