

# Converting Colors

Decimal(4142602)

Have a look what the booklet for  
Decimal(4142602) contains.

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**Color**

**Decimal(4142602)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F360A
RGB	63, 54, 10
RGB Percent	25%, 21%, 4%
CMY	0.7529, 0.7882, 0.9608
CMYK	0.00, 0.14, 0.84, 0.75
HSL	50°, 73%, 14%
HSV	50°, 84%, 25%
XYZ	3.4239, 3.7170, 0.8242
YIQ	51.6750, 19.4880, -11.7760

# Conversions

## Conversions Part 2

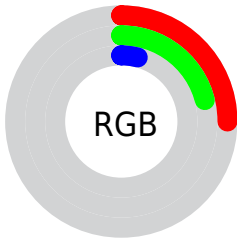
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 63, 10
Decimal	4142602
CIE <sub>Lab</sub>	22.71, -1.73, 27.37
CIE <sub>LCh</sub>	23, 27.427, 93.627
Yxy	3.7170, 0.4299, 0.4667
Android (android.graphics.Color)	4282332682 (0xFF3F360A)
YUV	51.6750, -20.5458, 9.9320
Hunter-Lab	19.2795, -2.0394, 10.9612

# Details

The Decimal color **4142602** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **660287**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **7431223**, and **723712** is the 20% darker color. If you saturate the color by 10%, you get **4142340**, and if you desaturate by 10%, it is **4142864**.

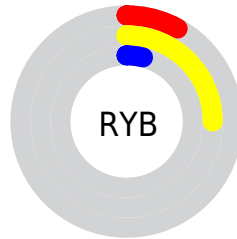
# Distribution



Red (25%)

Green (21%)

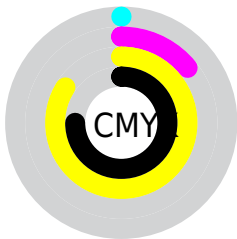
Blue (4%)



Red (8%)

Yellow (25%)

Blue (4%)

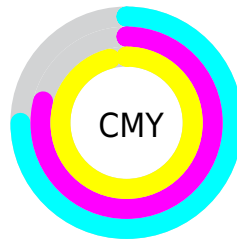


Cyan (0%)

Magenta (14%)

Yellow (84%)

Black (75%)



Cyan (75%)

Magenta (79%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4142602 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 Decimal color 4142602 by changing the saturation by 10% instead.





4142602



4142602



16777198



2629888



7431223



723712



9141582



0



10917735



12759680



14601627



16509366



16777169



4142602



4142602

■ 4142340

■ 4142864

■ 4142080

■ 4143127

■ 4143389

■ 4143651

■ 4143914

■ 4144176

■ 4144438

■ 4144956

■ 4145219

# Harmonies

## Analogous

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



5254673



4142602



2767890

# Triad

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



4142602



16460



5318729

# Complementary

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



4142602



660287

# 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.



3813464



4142602



15707

# Square

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



4142602



16440



931935



5973045

# Rectangle

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



4142602



1588765



931935



4926031



# Sweetspot

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



4142602



5393981



4131348



2696989



11053224



2697513



# Same Dimension

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



4142602



5391360



3030794



2039324



6180352



14596096



# Inverse Universe

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



660287



3666



1772095



1842207



4190

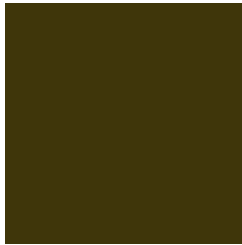


9950



# Previews

## White Background



This preview shows how the Decimal color 4142602 looks on a white background.

## Color Contrast Check

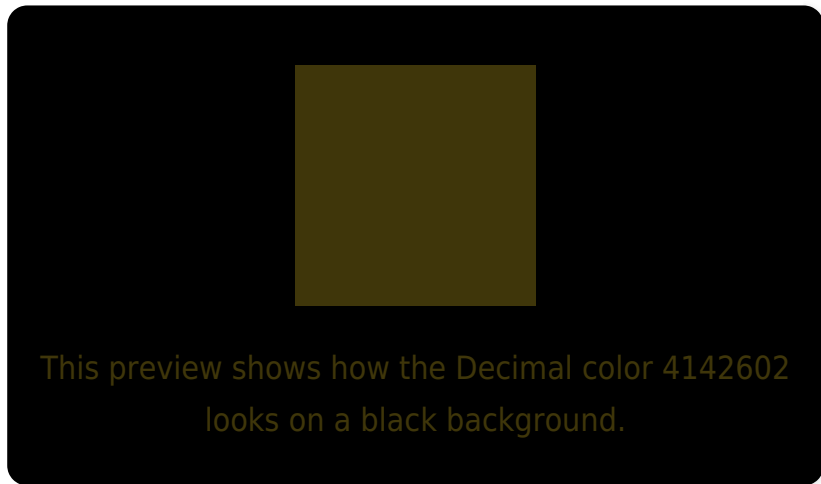
Large Text (above 18pt) WCAG AA ✓ Pass

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

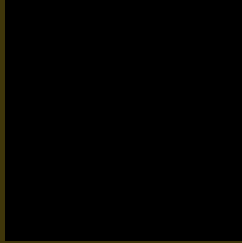
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4142602 Background



This preview shows how black text looks on a background with the Decimal color 4142602.



This preview shows how white text looks on a background with the Decimal color 4142602.

# 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](#).

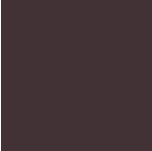
## Dichromacy



**Original Color**  
4142602

**Protanopia**  
4011786

**Deuteranopia**  
4535307



**Tritanopia**  
4338230

# Trichromacy



**Original Color**

4142602

**Protanomaly**

4077322

**Deuteranomaly**

4404491

**Tritanomaly**

4272934

# Monochromacy



**Original Color**

4142602

**Achromatopsia**

3421236

**Achromatomaly**

3683621

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4142602 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 #3F360A looks like.

```
.text, #text, p{  
    color:#3F360A  
}
```

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 #3F360A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F360A
}
```

## Border

The CSS property to change the border of an element to Decimal 4142602 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".

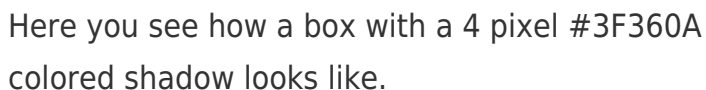
```
.border, #border, table{ border:4px solid
#3F360A }
```

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

```
.border{ border-color:#3F360A }
```

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

Here you see how a box with a 4 pixel #3F360A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F360A; -webkit-box-shadow:4px 4px  
4px 4px #3F360A; box-shadow:4px 4px 4px  
4px #3F360A }
```

# Background

The CSS property to change the background color of an element to Decimal 4142602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F360A }
```

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

```
.background{ background-color:#3F360A }
```

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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