

# Converting Colors

Decimal(613632)

Have a look what the booklet for  
Decimal(613632) contains.

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# Color

**Decimal(613632)**

# Conversions

## Conversions Part 1

Format	Color
Hex	095D00
RGB	9, 93, 0
RGB Percent	4%, 36%, 0%
CMY	0.9647, 0.6353, 1.0000
CMYK	0.90, 0.00, 1.00, 0.64
HSL	114°, 100%, 18%
HSV	114°, 100%, 36%
XYZ	4.0270, 7.8868, 1.3101
YIQ	57.2820, -20.2110, -46.7310

# Conversions

## Conversions Part 2

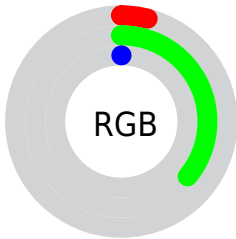
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 93, 84</a>
Decimal	<a href="#">613632</a>
CIELab	<a href="#">33.75, -40.11, 39.94</a>
CIELCh	<a href="#">34, 56.607, 135.125</a>
Yxy	<a href="#">7.8868, 0.3045, 0.5964</a>
Android (android.graphics.Color)	<a href="#">4278803712 (0xFF095D00)</a>
YUV	<a href="#">57.2820, -28.2400, -42.3433</a>
Hunter-Lab	<a href="#">28.0834, -23.5500, 16.8926</a>

# Details

The Decimal color **613632** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5505117**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **4821047**, and **11776** is the 20% darker color. If you saturate the color by 10%, you get **613632**, and if you desaturate by 10%, it is **1137929**.

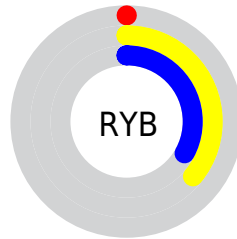
# Distribution



Red (4%)

Green (36%)

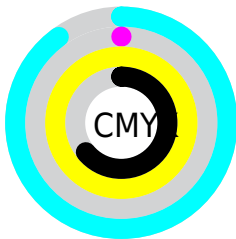
Blue (0%)



Red (0%)

Yellow (36%)

Blue (33%)

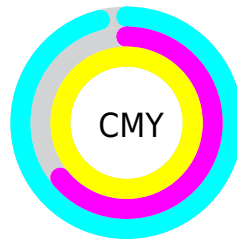


Cyan (90%)

Magenta (0%)

Yellow (100%)

Black (64%)



Cyan (96%)

Magenta (64%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 613632 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 613632 by changing the saturation by 10% instead.




 613632       613632

 16777202       17664

 4821047       11776

 6597455       5632


 8374121       0

 10216323

 12058526

 13893561

 15794133

 613632

■ 1137929

■ 1727763

■ 2252060

■ 2841893

■ 3366191

■ 3890488

■ 4480321

■ 5004618

■ 5594452

# Harmonies

## Analogous

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



5067776



613632



24887

# Triad

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



613632



23463



10228539

# Complementary

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



613632



5505117

# 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.



9640552



613632



19879

# Square

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



613632



24975



7092111



9448974

# Rectangle

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



613632



25174



7092111



10227530



# Sweetspot

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



613632



5732436



6116352



2702631



12434877



4013373



# Same Dimension

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



613632



817152



23845



2764329



749056



1568000



# Inverse Universe

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



5505117



7078008



6094904



2959662



6488174

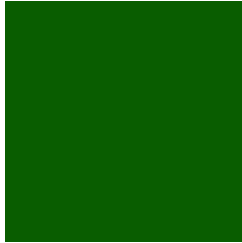


14024941



# Previews

## White Background



This preview shows how the Decimal color 613632 looks on a white background.

## Color Contrast Check

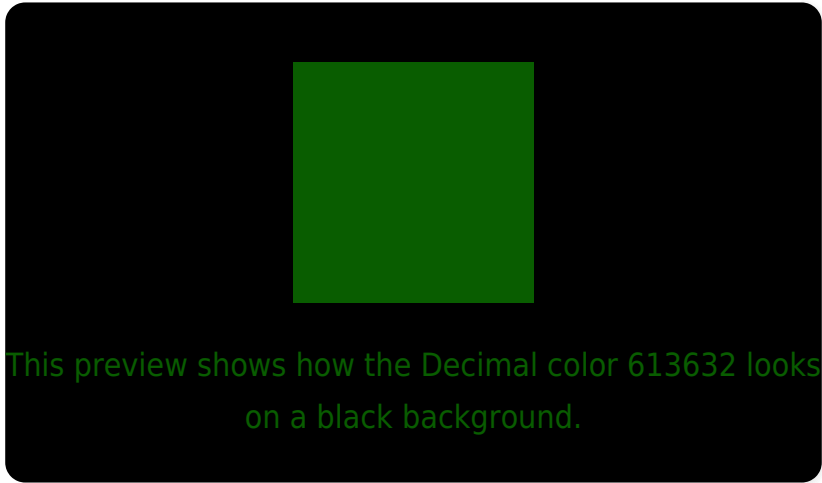
Large Text (above 18pt) WCAG AA ✓ Pass

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 613632 Background



This preview shows how black text looks on a background with the Decimal color 613632.



This preview shows how white text looks on a background with the Decimal color 613632.

# 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**  
613632

**Protanopia**  
5918720

**Deuteranopia**  
6572820



# Trichromacy



**Original Color**  
613632

**Protanomaly**  
4019456

**Deuteranomaly**  
4411917

**Tritanomaly**  
1923387

# Monochromacy



**Original Color**  
613632

**Achromatopsia**  
3750201

**Achromatomaly**  
2639396

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 613632 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 #095D00 looks like.

```
.text, #text, p{  
    color:#095D00  
}
```

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 #095D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #095D00
}
```

## Border

The CSS property to change the border of an element to Decimal 613632 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".

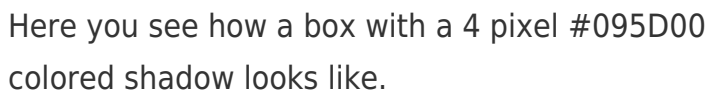
```
.border, #border, table{ border:4px solid
#095D00 }
```

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

```
.border{ border-color:#095D00 }
```

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

Here you see how a box with a 4 pixel #095D00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #095D00; -webkit-box-shadow:4px 4px  
4px 4px #095D00; box-shadow:4px 4px 4px  
4px #095D00 }
```

# Background

The CSS property to change the background color of an element to Decimal 613632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#095D00 }
```

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

```
.background{ background-color:#095D00 }
```

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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