

# Converting Colors

Decimal(744253)

Have a look what the booklet for  
Decimal(744253) contains.

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# Color

**Decimal(744253)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B5B3D
RGB	11, 91, 61
RGB Percent	4%, 36%, 24%
CMY	0.9569, 0.6431, 0.7608
CMYK	0.88, 0.00, 0.33, 0.64
HSL	158°, 78%, 20%
HSV	158°, 88%, 36%
XYZ	4.7214, 7.8902, 5.6890
YIQ	63.6600, -38.0500, -26.2900

# Conversions

## Conversions Part 2

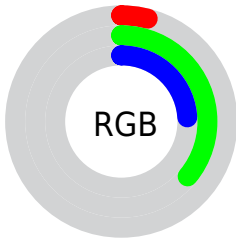
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 60, 91
Decimal	744253
CIELab	33.75, -30.65, 11.01
CIElCh	34, 32.571, 160.239
Yxy	7.8902, 0.2580, 0.4311
Android (android.graphics.Color)	4278934333 (0xFF0B5B3D)
YUV	63.6600, -1.3114, -46.1828
Hunter-Lab	28.0896, -19.1538, 7.6546

# Details

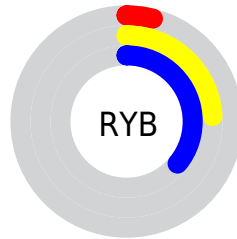
The Decimal color **744253** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5966633**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **4689517**, and **11283** is the 20% darker color. If you saturate the color by 10%, you get **154426**, and if you desaturate by 10%, it is **1334080**.

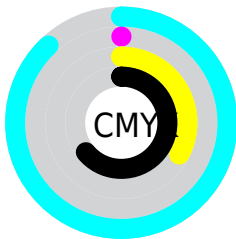
# Distribution



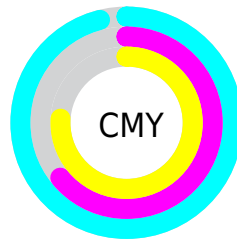
- Red (4%)
- Green (36%)
- Blue (24%)



- Red (4%)
- Yellow (24%)
- Blue (36%)



- Cyan (88%)
- Magenta (0%)
- Yellow (33%)
- Black (64%)



- Cyan (96%)
- Magenta (64%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 744253 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 744253 by changing the saturation by 10% instead.





744253



744253

16777215



17191



4689517



11283



6400390



5632



8176800



0



9953467



11730391



13631475



15532031



744253



744253

■ 154426

■ 1334080

■ 23353

■ 1923908

■ 2513735

■ 3103563

■ 3758926

■ 4348753

■ 4938581

■ 5528408

■ 6118236

# Harmonies

## Analogous

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



3823398



744253



23640

# Triad

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



744253



3231618



8076847

# Complementary

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



744253



5966633

# 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.



8337735



744253



6112631

# Square

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



744253



22400



7748705



7096350

# Rectangle

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



744253



23657



7748705



8272951



# Sweetspot

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



744253



5731690



2775819



2636596



12237498



3881787



# Same Dimension

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



744253



30025



741979



2698796



28229



60820



# Inverse Universe

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



5966633



7667756



5968907



3025195



7209001

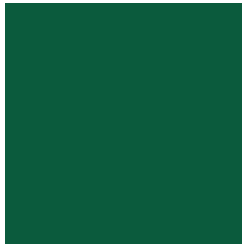


15532121



# Previews

## White Background



This preview shows how the Decimal color 744253 looks on a white background.

### Color Contrast Check

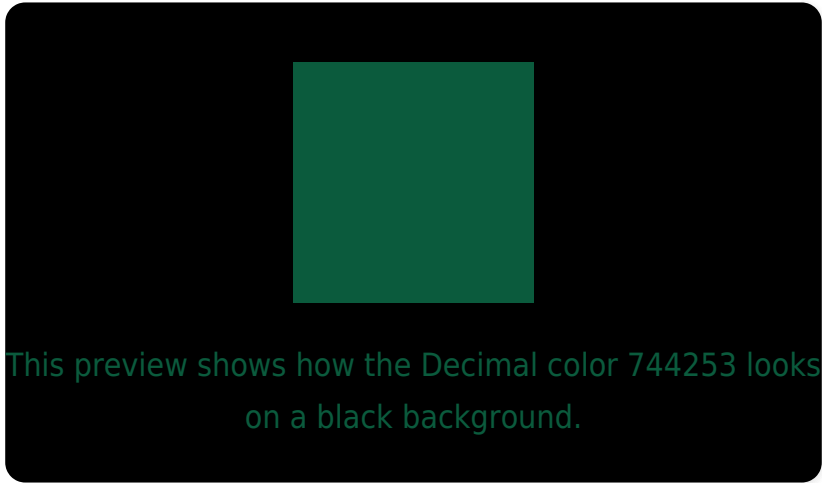
Large Text (above 18pt) WCAG AA ✓ Pass

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

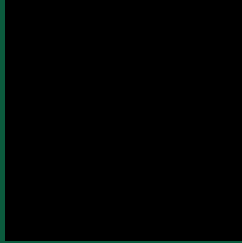
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 744253 Background



This preview shows how black text looks on a background with the Decimal color 744253.

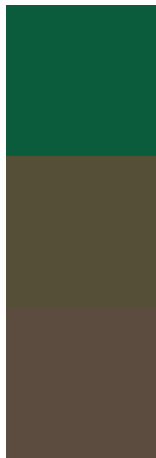


This preview shows how white text looks on a background with the Decimal color 744253.

# 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**  
744253

**Protanopia**  
5590840

**Deuteranopia**  
6048832



# Trichromacy



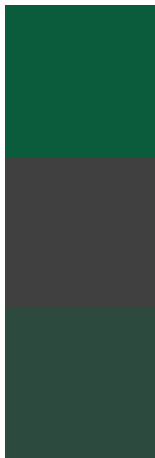
**Original Color**  
744253

**Protanomaly**  
3822394

**Deuteranomaly**  
4149567

**Tritanomaly**  
1661010

# Monochromacy



**Original Color**  
744253

**Achromatopsia**  
4210752

**Achromatomaly**  
2968127

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 744253 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 #0B5B3D looks like.

```
.text, #text, p{  
    color:#0B5B3D  
}
```

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 #0B5B3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B5B3D
}
```

## Border

The CSS property to change the border of an element to Decimal 744253 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
#0B5B3D }
```

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

```
.border{ border-color:#0B5B3D }
```

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

Here you see how a box with a 4 pixel #0B5B3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B5B3D; -webkit-box-shadow:4px 4px  
4px 4px #0B5B3D; box-shadow:4px 4px 4px  
4px #0B5B3D }
```

# Background

The CSS property to change the background color of an element to Decimal 744253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B5B3D }
```

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

```
.background{ background-color:#0B5B3D }
```

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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