

# Converting Colors

Hex(237625)

Have a look what the booklet for  
Hex(237625) contains.

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# Color

Hex(237625)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	237625
RGB	35, 118, 37
RGB Percent	14%, 46%, 15%
CMY	0.8627, 0.5373, 0.8549
CMYK	0.70, 0.00, 0.69, 0.54
HSL	121°, 54%, 30%
HSV	121°, 70%, 46%
XYZ	7.5055, 13.4478, 3.9504
YIQ	83.9490, -23.4670, -42.7870

# Conversions

## Conversions Part 2

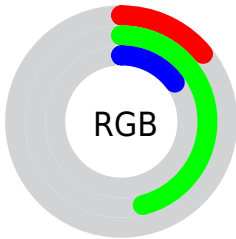
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 116, 118
Decimal	2324005
CIE <sub>Lab</sub>	43.43, -41.65, 36.26
CIE <sub>LCh</sub>	43, 55.223, 138.963
Yxy	13.4478, 0.3014, 0.5400
Android (android.graphics.Color)	4280514085 (0xFF237625)
YUV	83.9490, -23.1459, -42.9283
Hunter-Lab	36.6712, -27.6410, 19.2829

# Details

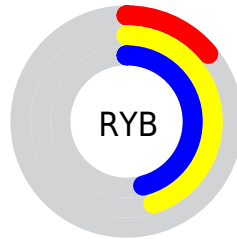
The Hex color **237625** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **762374**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5CAB56**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **177619**, and if you desaturate by 10%, it is **2F7631**.

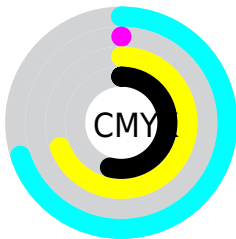
# Distribution



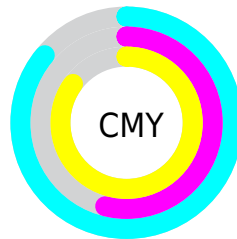
- Red (14%)
- Green (46%)
- Blue (15%)



- Red (14%)
- Yellow (45%)
- Blue (46%)



- Cyan (70%)
- Magenta (0%)
- Yellow (69%)
- Black (54%)



- Cyan (86%)
- Magenta (54%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 237625 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 237625 by changing the saturation by 10% instead.



 237625

 237625

FFFFFF

 005D0B

 5CAB56

 004400

 77C76F

 002E00

 93E389

 001400

 AFFFA4

 000000

 CCFFC0

 E9FFDC

 FFFFF9

 237625

 237625

■ 177619

■ 2F7631

■ 0B760E

■ 3B763C

■ 007603

■ 467648

■ 527653

■ 5E765F

■ 6A766A

■ 767676

■ 817681

■ 8D768D

# Harmonies

## Analogous

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



606D00



237625



007A54

# Triad

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



237625



0071C1



B7384C

# Complementary

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



237625



762374

# 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.



B0387A



237625



3F62BE

# Square

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



237625



0079AB



8C4CA3



A94A21

# Rectangle

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



237625



007B74



8C4CA3



B7355B



# Sweetspot

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



237625



79997A



757623



394D3A



CCCCCC



4D4D4D



# Same Dimension

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



237625



18991C



23764E



353B35



007A03



00FA06



# Inverse Universe

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



762374



991896



76234B



3B353B



7A0077

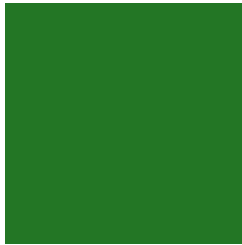


FA00F4



# Previews

## White Background



This preview shows how the Hex color 237625 looks on a white background.

## Color Contrast Check

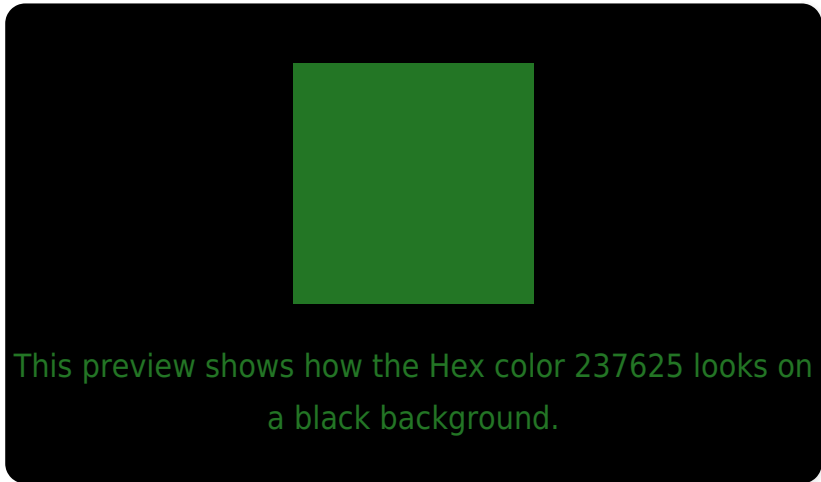
Large Text (above 18pt) WCAG AA ✓ Pass

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

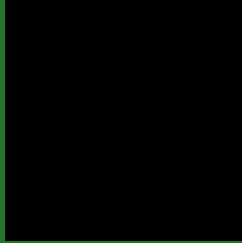
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 237625 Background



This preview shows how black text looks on a background with the Hex color 237625.



This preview shows how white text looks on a background with the Hex color 237625.

# 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**  
237625

**Protanopia**  
726621

**Deuteranopia**  
7F612C



**Tritanopia**  
3A6E77

# Trichromacy



**Original Color**  
237625

**Protanomaly**  
556C22

**Deuteranomaly**  
5E6929

**Tritanomaly**  
327159

# Monochromacy



**Original Color**  
237625

**Achromatopsia**  
545454

**Achromatomaly**  
426043

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 237625 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 #237625 looks like.

```
.text, #text, p{  
    color:#237625  
}
```

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 #237625 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #237625  
}
```

## Border

The CSS property to change the border of an element to Hex 237625 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  
#237625 }
```

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

```
.border{ border-color:#237625 }
```

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

Here you see how a box with a 4 pixel #237625 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #237625; -webkit-box-shadow:4px 4px  
4px 4px #237625; box-shadow:4px 4px 4px  
4px #237625 }
```

# Background

The CSS property to change the background color of an element to Hex 237625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#237625 }
```

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

```
.background{ background-color:#237625 }
```

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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