

Converting Colors

Hex(166653)

Have a look what the booklet for
Hex(166653) contains.

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Color

Hex(166653)

Conversions

Conversions Part 1

Format	Color
Hex	166653
RGB	22, 102, 83
RGB Percent	9%, 40%, 33%
CMY	0.9137, 0.6000, 0.6745
CMYK	0.78, 0.00, 0.19, 0.60
HSL	166°, 65%, 24%
HSV	166°, 78%, 40%
XYZ	6.6436, 10.2978, 9.8211
YIQ	75.9140, -41.5810, -22.8690

Conversions

Conversions Part 2

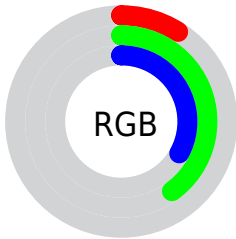
Format	Color
R_{YB}	22, 67, 102
Decimal	1467987
CIE Lab	38.37, -28.40, 4.05
CIE LCh	38, 28.685, 171.883
Yxy	10.2978, 0.2482, 0.3848
Android (android.graphics.Color)	4279658067 (0xFF166653)
YUV	75.9140, 3.4934, -47.2826
Hunter-Lab	32.0903, -19.2035, 4.3176

Details

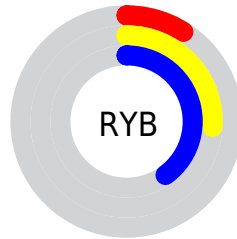
The Hex color **166653** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **661629**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **509A84**, and **003626** is the 20% darker color. If you saturate the color by 10%, you get **0C6651**, and if you desaturate by 10%, it is **206655**.

Distribution



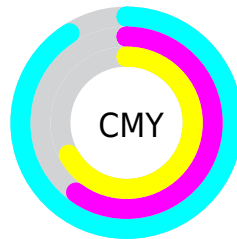
- Red (9%)
- Green (40%)
- Blue (33%)



- Red (9%)
- Yellow (26%)
- Blue (40%)



- Cyan (78%)
- Magenta (0%)
- Yellow (19%)
- Black (60%)



- Cyan (91%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 166653 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 166653 by changing the saturation by 10% instead.

 166653

 166653

FFFFFF

 004E3C

 509A84

 003626

 6AB59F

 002212

 85D0B9

 000000

 A1EDD5

 BDFFF1

 DAFFFF

 F7FFFF

 166653

 166653

■ 0C6651

■ 206655

■ 02664E

■ 2A6658

■ 00664E

■ 35665A

■ 3F665D

■ 49665F

■ 536662

■ 5D6664

■ 686666

■ 726669

Harmonies

Analogous

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



3D633D



166653



00666B

Triad

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



166653



535785



7F4F37

Complementary

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



166653



661629

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.



87484A



166653



714E77

Square

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



166653



265F88



834862



6E572C

Rectangle

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



166653



006579



834862



834C3C

Sweetspot

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



166653



65857D



2A6616



2F423E



C2C2C2



424242

Same Dimension

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



166653



088567



165266



2E3332



007357



00F2B9

Inverse Universe

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



661629



850826



662A16



332E2F



73001B



F2003A

Previews

White Background



This preview shows how the Hex color 166653 looks on a white background.

Color Contrast Check

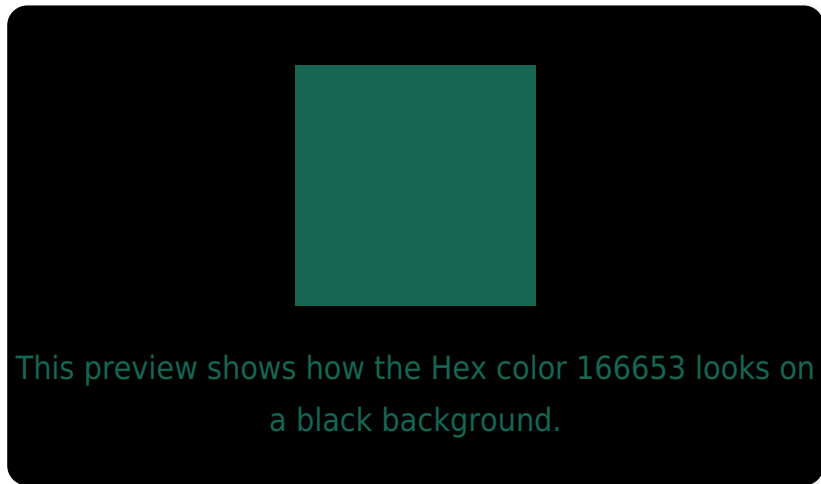
Large Text (above 18pt) WCAG AA ✓ Pass

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

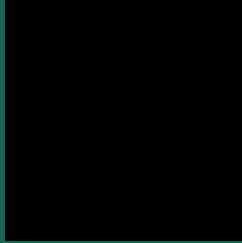
Any Text WCAG AA × Fail

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 166653 Background



This preview shows how black text looks on a background with the Hex color 166653.



This preview shows how white text looks on a background with the Hex color 166653.

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
166653

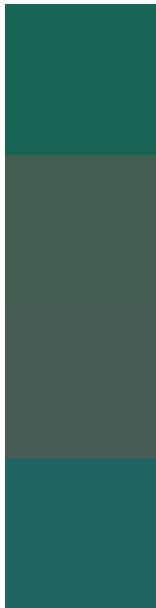
Protanopia
5F5A4D

Deuteranopia
645756



Tritanopia
24636B

Trichromacy



Original Color
166653

Protanomaly
445E4F

Deuteranomaly
485C55

Tritanomaly
1F6462

Monochromacy



Original Color
166653

Achromatopsia
4C4C4C

Achromatomaly
38554F

CSS Examples

Text

The CSS property to change the color of the text to Hex 166653 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 #166653 looks like.

```
.text, #text, p{  
    color:#166653  
}
```

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 #166653 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #166653
}
```

Border

The CSS property to change the border of an element to Hex 166653 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
#166653 }
```

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

```
.border{ border-color:#166653 }
```

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

Here you see how a box with a 4 pixel #166653 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #166653; -webkit-box-shadow:4px 4px  
4px 4px #166653; box-shadow:4px 4px 4px  
4px #166653 }
```

Background

The CSS property to change the background color of an element to Hex 166653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#166653 }
```

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

```
.background{ background-color:#166653 }
```

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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