

Converting Colors

Hex(136464)

Have a look what the booklet for
Hex(136464) contains.

Hex(136464)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(136464)

Conversions

Conversions Part 1

Format	Color
Hex	136464
RGB	19, 100, 100
RGB Percent	7%, 39%, 39%
CMY	0.9255, 0.6078, 0.6078
CMYK	0.81, 0.00, 0.00, 0.61
HSL	180°, 68%, 23%
HSV	180°, 81%, 39%
XYZ	7.1260, 10.1729, 13.6446
YIQ	75.7810, -48.2760, -17.1720

Conversions

Conversions Part 2

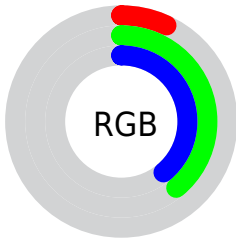
Format	Color
R_YB	19, 60, 100
Decimal	1270884
CIE _{Lab}	38.15, -22.58, -6.72
CIE _{LCh}	38, 23.555, 196.576
Yxy	10.1729, 0.2303, 0.3288
Android (android.graphics.Color)	4279460964 (0xFF136464)
YUV	75.7810, 11.9400, -49.7969
Hunter-Lab	31.8950, -15.9357, -3.0376

Details

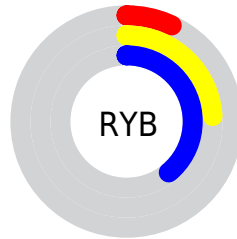
The Hex color **136464** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **641313**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4F9797**, and **003535** is the 20% darker color. If you saturate the color by 10%, you get **096464**, and if you desaturate by 10%, it is **1D6464**.

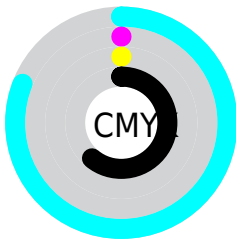
Distribution



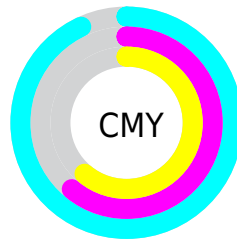
- Red (7%)
- Green (39%)
- Blue (39%)



- Red (7%)
- Yellow (24%)
- Blue (39%)



- Cyan (81%)
- Magenta (0%)
- Yellow (0%)
- Black (61%)



- Cyan (93%)
- Magenta (61%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 136464 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 136464 by changing the saturation by 10% instead.

136464

136464

FFFFFF

004C4C

4F9797

003535

6AB2B1

002020

86CECD

000009

A1EAE9

000000

BEFFFF

DAFFFF

F8FFFF

136464

136464

096464

1D6464

006464

276464

316464

3B6464

456464

4F6464

596464

636464

6D6464

Harmonies

Analogous

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



2E6350



136464



0F6275

Triad

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



136464



695174



6E5635

Complementary

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



136464



641313

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.



7B4F3F



136464



7A4C63

Square

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



136464



4F587E



7F4B50



5C5C35

Rectangle

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



136464



24607C



7F4B50



735337

Sweetspot

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



136464



638282



136413



2F4242



C2C2C2



424242

Same Dimension

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



136464



048282



133C64



2E3333



007373



00F2F2

Inverse Universe

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



641364



820482



643C13



332E33



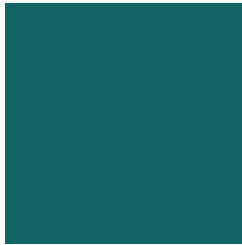
730073



F200F2

Previews

White Background



This preview shows how the Hex color 136464 looks on a white background.

Color Contrast Check

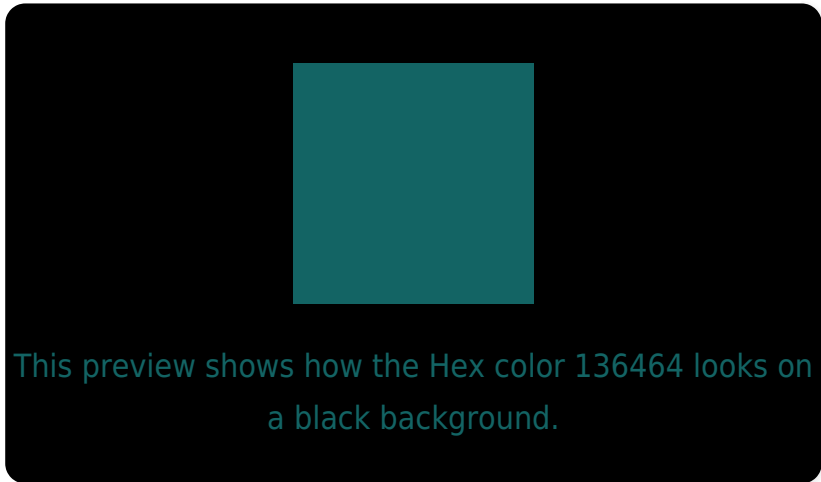
Large Text (above 18pt) WCAG AA ✓ Pass

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

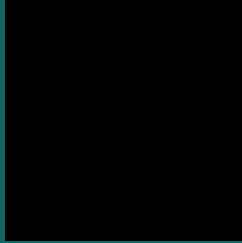
Any Text WCAG AA × Fail

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 136464 Background



This preview shows how black text looks on a background with the Hex color 136464.

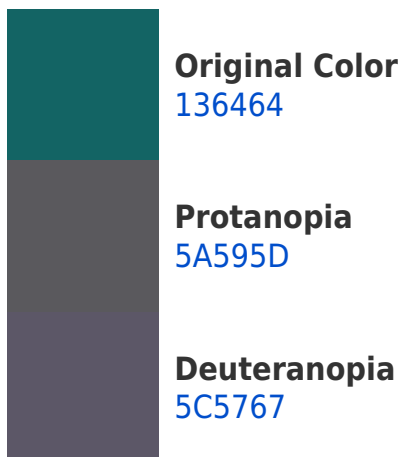


This preview shows how white text looks on a background with the Hex color 136464.

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](#).

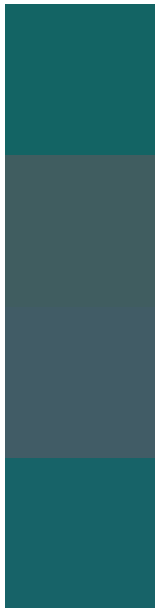
Dichromacy





Tritanopia
19636B

Trichromacy



Original Color
136464

Protanomaly
405D60

Deuteranomaly
415C66

Tritanomaly
176368

Monochromacy



Original Color
136464

Achromatopsia
4C4C4C

Achromatomaly
375555

CSS Examples

Text

The CSS property to change the color of the text to Hex 136464 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 #136464 looks like.

```
.text, #text, p{  
    color:#136464  
}
```

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 #136464 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #136464
}
```

Border

The CSS property to change the border of an element to Hex 136464 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
#136464 }
```

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

```
.border{ border-color:#136464 }
```

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

Here you see how a box with a 4 pixel #136464 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #136464; -webkit-box-shadow:4px 4px  
4px 4px #136464; box-shadow:4px 4px 4px  
4px #136464 }
```

Background

The CSS property to change the background color of an element to Hex 136464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#136464 }
```

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

```
.background{ background-color:#136464 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor