

Converting Colors

Hex(145F64)

Have a look what the booklet for
Hex(145F64) contains.

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Color

Hex(145F64)

Conversions

Conversions Part 1

Format	Color
Hex	145F64
RGB	20, 95, 100
RGB Percent	8%, 37%, 39%
CMY	0.9216, 0.6275, 0.6078
CMYK	0.80, 0.05, 0.00, 0.61
HSL	184°, 67%, 24%
HSV	184°, 80%, 39%
XYZ	6.6809, 9.2532, 13.4905
YIQ	73.1450, -46.3050, -14.3450

Conversions

Conversions Part 2

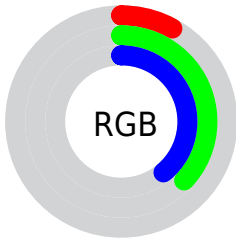
Format	Color
RYB	20, 59, 100
Decimal	1335140
CIELab	36.47, -19.80, -9.24
CIELCh	36, 21.855, 205.025
Yxy	9.2532, 0.2271, 0.3145
Android (android.graphics.Color)	4279525220 (0xFF145F64)
YUV	73.1450, 13.2395, -46.6082
Hunter-Lab	30.4191, -14.0296, -5.0010

Details

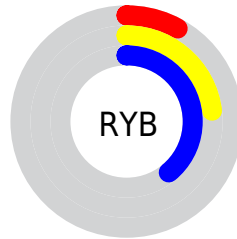
The Hex color **145F64** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **641914**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4F9297**, and **003035** is the 20% darker color. If you saturate the color by 10%, you get **0A5E64**, and if you desaturate by 10%, it is **1E6064**.

Distribution



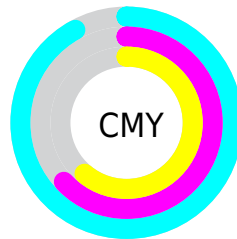
- Red (8%)
- Green (37%)
- Blue (39%)



- Red (8%)
- Yellow (23%)
- Blue (39%)



- Cyan (80%)
- Magenta (5%)
- Yellow (0%)
- Black (61%)



- Cyan (92%)
- Magenta (63%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 145F64 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 145F64 by changing the saturation by 10% instead.



145F64



145F64

FFFFFF



00474C



4F9297



003035



6AACB1



001D20



85C8CD



000008



A1E4E9



000000



BDFFFF



D9FFFF



F7FFFF



145F64



145F64

■ 0A5E64

■ 1E6064

■ 005E64

■ 286064

■ 326164

■ 3C6264

■ 466264

■ 506364

■ 5A6364

■ 646464

■ 6E6564

Harmonies

Analogous

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



285F52



145F64



1C5D72

Triad

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



145F64



694C6A



645433

Complementary

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



145F64



641914

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.



724E3A



145F64



764959

Square

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



145F64



545275



784948



525935

Rectangle

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



145F64



2E5A77



784948



695234

Sweetspot

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



145F64



638082



146418



2F4142



C2C2C2



424242

Same Dimension

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



145F64



057A82



143864



2E3333



006C73



00E3F2

Inverse Universe

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



64145F



82057A



644014



332E33



73006C



F200E3

Previews

White Background



This preview shows how the Hex color 145F64 looks on a white background.

Color Contrast Check

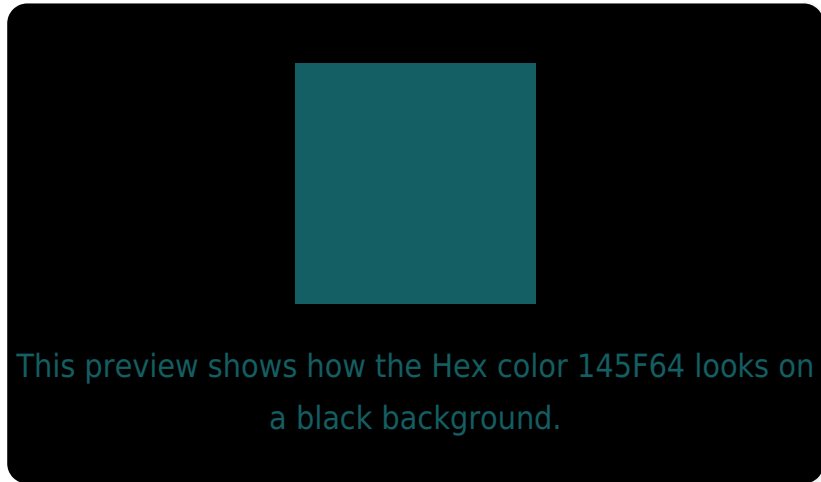
Large Text (above 18pt) WCAG AA ✓ Pass

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

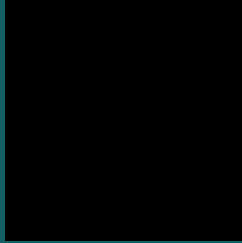
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

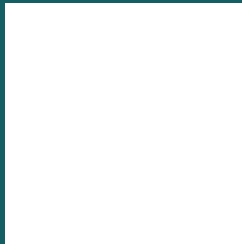
Any Text WCAG AAA × Fail

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

Hex 145F64 Background



This preview shows how black text looks on a background with the Hex color 145F64.



This preview shows how white text looks on a background with the Hex color 145F64.

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
145F64

Protanopia
55555E

Deuteranopia
55467



Tritanopia
165F66

Trichromacy



Original Color
145F64

Protanomaly
3D5960

Deuteranomaly
3D5866

Tritanomaly
155F65

Monochromacy



Original Color
145F64

Achromatopsia
494949

Achromatomaly
365153

CSS Examples

Text

The CSS property to change the color of the text to Hex 145F64 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 #145F64 looks like.

```
.text, #text, p{  
    color:#145F64  
}
```

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 #145F64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #145F64
}
```

Border

The CSS property to change the border of an element to Hex 145F64 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
#145F64 }
```

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

```
.border{ border-color:#145F64 }
```

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

Here you see how a box with a 4 pixel #145F64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #145F64; -webkit-box-shadow:4px 4px  
4px 4px #145F64; box-shadow:4px 4px 4px  
4px #145F64 }
```

Background

The CSS property to change the background color of an element to Hex 145F64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#145F64 }
```

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

```
.background{ background-color:#145F64 }
```

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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