

Converting Colors

Hex(114655)

Have a look what the booklet for
Hex(114655) contains.

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Color

Hex(114655)

Conversions

Conversions Part 1

Format	Color
Hex	114655
RGB	17, 70, 85
RGB Percent	7%, 27%, 33%
CMY	0.9333, 0.7255, 0.6667
CMYK	0.80, 0.18, 0.00, 0.67
HSL	193°, 67%, 20%
HSV	193°, 80%, 33%
XYZ	4.0610, 5.1554, 9.3754
YIQ	55.8630, -36.4030, -6.5710

Conversions

Conversions Part 2

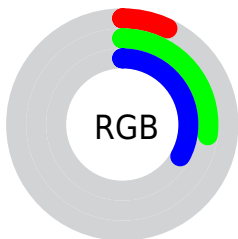
Format	Color
R_{YB}	17, 47, 85
Decimal	1132117
CIE _{Lab}	27.17, -11.29, -13.88
CIE _{LCh}	27, 17.893, 230.869
Yxy	5.1554, 0.2184, 0.2773
Android (android.graphics.Color)	4279322197 (0xFF114655)
YUV	55.8630, 14.3645, -34.0829
Hunter-Lab	22.7054, -7.8086, -8.5878

Details

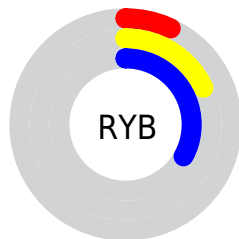
The Hex color **114655** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **552011**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **487687**, and **001B28** is the 20% darker color. If you saturate the color by 10%, you get **084455**, and if you desaturate by 10%, it is **194855**.

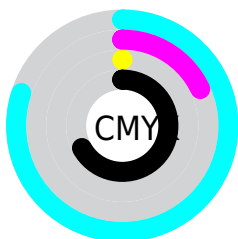
Distribution



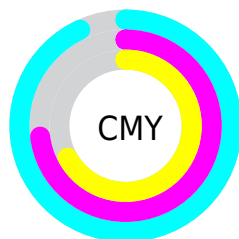
- Red (7%)
- Green (27%)
- Blue (33%)



- Red (7%)
- Yellow (18%)
- Blue (33%)



- Cyan (80%)
- Magenta (18%)
- Yellow (0%)
- Black (67%)



- Cyan (93%)
- Magenta (73%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 114655 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 114655 by changing the saturation by 10% instead.

■ 114655

■ 114655

FFFFFF

■ 00303E

■ 487687

■ 001B28

■ 6190A1

■ 000113

■ 7CABBC

■ 000000

■ 97C6D8

■ B2E2F4

■ CEFFFF

■ EBFFFF

■ 114655

■ 114655

■ 084455

■ 194855

■ 004255

■ 224A55

■ 2A4C55

■ 334D55

■ 3B4F55

■ 445155

■ 4C5355

■ 555555

■ 5E5755

Harmonies

Analogous

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



0F4749



114655



26435B

Triad

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



114655



583645



404226

Complementary

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



114655



552011

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.



4D3E25



114655



5B3637

Square

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



114655



4D3952



57392C



30462E

Rectangle

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



114655



35405B



57392C



444125

Sweetspot

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



114655



53686E



115520



283538



B8B8B8



383838

Same Dimension

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



114655



04566E



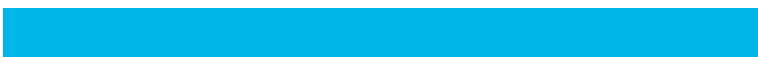
112455



272A2B



00536B



00B7EB

Inverse Universe

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



551146



6E0456



554211



2B272A



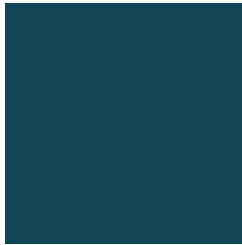
6B0053



EB00B7

Previews

White Background



This preview shows how the Hex color 114655 looks on a white background.

Color Contrast Check

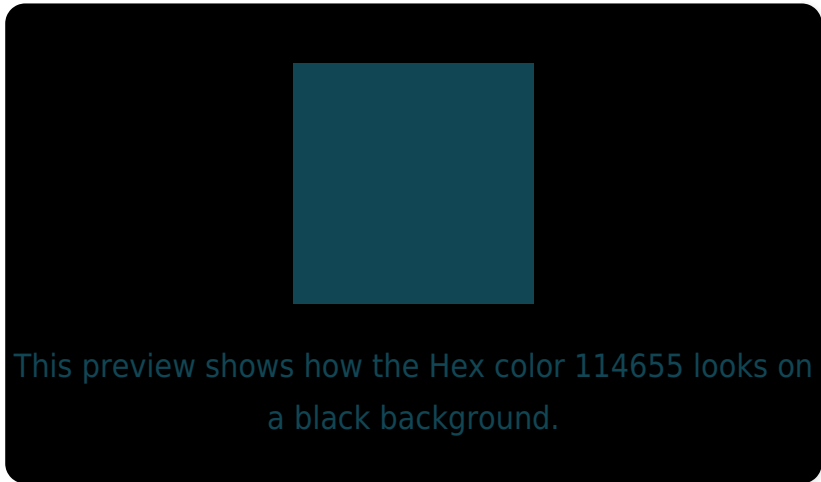
Large Text (above 18pt) WCAG AA ✓ Pass

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

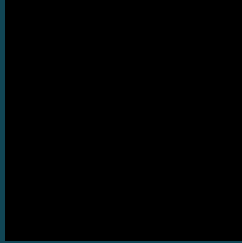
Any Text WCAG AA × Fail

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 114655 Background



This preview shows how black text looks on a background with the Hex color 114655.

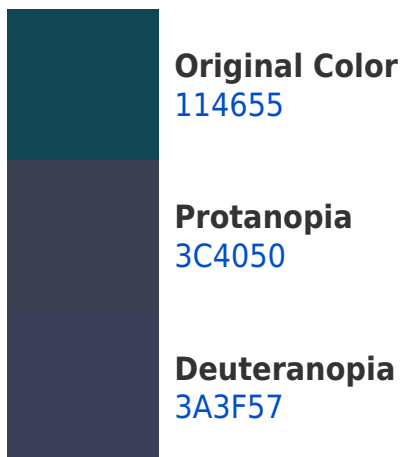



This preview shows how white text looks on a background with the Hex color 114655.

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](#).

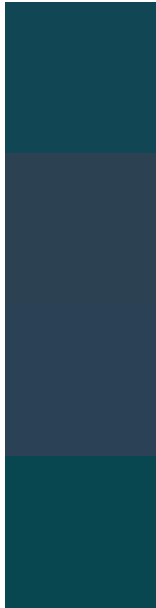
Dichromacy





Tritanopia
04474D

Trichromacy



Original Color
114655

Protanomaly
2C4252

Deuteranomaly
2B4256

Tritanomaly
094750

Monochromacy



Original Color
114655

Achromatopsia
383838

Achromatomaly
2A3D43

CSS Examples

Text

The CSS property to change the color of the text to Hex 114655 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 #114655 looks like.

```
.text, #text, p{  
  color:#114655  
}
```

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 #114655 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #114655
}
```

Border

The CSS property to change the border of an element to Hex 114655 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
#114655 }
```

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

```
.border{ border-color:#114655 }
```

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

Here you see how a box with a 4 pixel #114655 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #114655; -webkit-box-shadow:4px 4px  
4px 4px #114655; box-shadow:4px 4px 4px  
4px #114655 }
```

Background

The CSS property to change the background color of an element to Hex 114655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#114655 }
```

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

```
.background{ background-color:#114655 }
```

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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