

Converting Colors

Hex(145227)

Have a look what the booklet for
Hex(145227) contains.

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Color

Hex(145227)

Conversions

Conversions Part 1

Format	Color
Hex	145227
RGB	20, 82, 39
RGB Percent	8%, 32%, 15%
CMY	0.9216, 0.6784, 0.8471
CMYK	0.76, 0.00, 0.52, 0.68
HSL	138°, 61%, 20%
HSV	138°, 76%, 32%
XYZ	3.6720, 6.3298, 2.9477
YIQ	58.5600, -23.1490, -26.5170

Conversions

Conversions Part 2

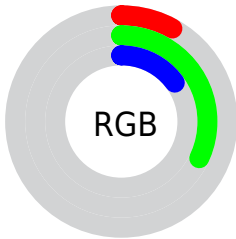
Format	Color
RYB	20, 67, 82
Decimal	1331751
CIELab	30.23, -30.24, 19.65
CIELCh	30, 36.064, 146.979
Yxy	6.3298, 0.2836, 0.4888
Android (android.graphics.Color)	4279521831 (0xFF145227)
YUV	58.5600, -9.6431, -33.8171
Hunter-Lab	25.1591, -17.9761, 10.6648

Details

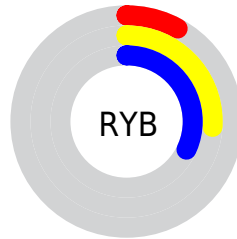
The Hex color **145227** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **52143F**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **498455**, and **002500** is the 20% darker color. If you saturate the color by 10%, you get **0C5221**, and if you desaturate by 10%, it is **1C522D**.

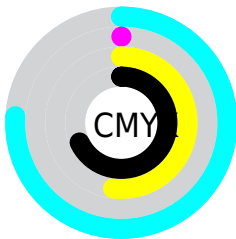
Distribution



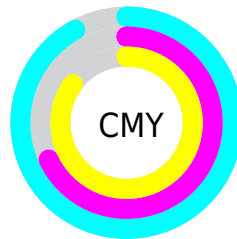
- Red (8%)
- Green (32%)
- Blue (15%)



- Red (8%)
- Yellow (26%)
- Blue (32%)



- Cyan (76%)
- Magenta (0%)
- Yellow (52%)
- Black (68%)



- Cyan (92%)
- Magenta (68%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 145227 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 145227 by changing the saturation by 10% instead.

 145227

 145227

FFFFFF

 003A12

 498455

 002500

 629F6D

 000200

 7DBA87

 000000

 97D6A1

 B3F2BC

 CFFFD8

 ECFFF5

 145227

 145227

■ 0C5221

■ 1C522D

■ 04521C

■ 245232

■ 005219

■ 2D5238

■ 35523E

■ 3D5243

■ 455249

■ 4D524F

■ 565254

■ 5E525A

Harmonies

Analogous

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



3D4D10



145227



005443

Triad

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



145227



004B7F



792F2F

Complementary

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



145227



52143F

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.



782D4B



145227



424179

Square

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



145227



005276



663566



6D3A18

Rectangle

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



145227



005557



663566



7A2D38

Sweetspot

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



145227



526B5A



3F5214



27362B



B5B5B5



363636

Same Dimension

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



145227



0A6B28



145246



252926



006920



00E847

Inverse Universe

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



52143F



6B0A4D



521420



292528



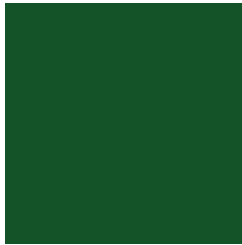
690049



E800A1

Previews

White Background



This preview shows how the Hex color 145227 looks on a white background.

Color Contrast Check

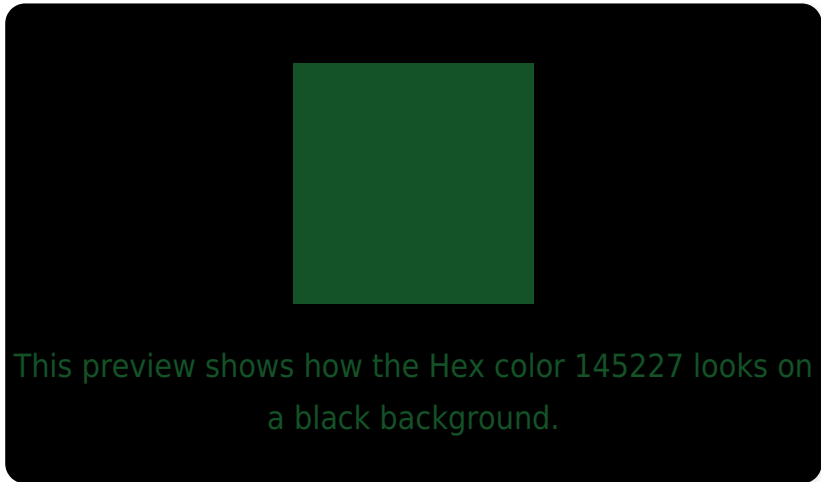
Large Text (above 18pt) WCAG AA ✓ Pass

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

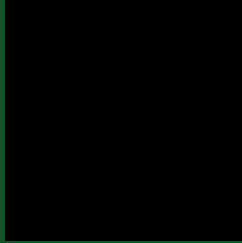
Any Text WCAG AA × Fail

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 145227 Background



This preview shows how black text looks on a background with the Hex color 145227.



This preview shows how white text looks on a background with the Hex color 145227.

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
145227

Protanopia
4F4723

Deuteranopia
56442B



Tritanopia
254D53

Trichromacy



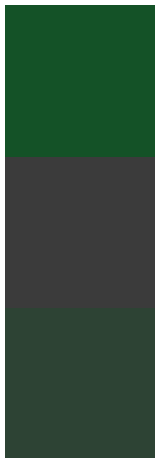
Original Color
145227

Protanomaly
3A4B24

Deuteranomaly
3E492A

Tritanomaly
1F4F43

Monochromacy



Original Color
145227

Achromatopsia
3B3B3B

Achromatomaly
2D4334

CSS Examples

Text

The CSS property to change the color of the text to Hex 145227 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 #145227 looks like.

```
.text, #text, p{  
    color:#145227  
}
```

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 #145227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #145227
}
```

Border

The CSS property to change the border of an element to Hex 145227 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".

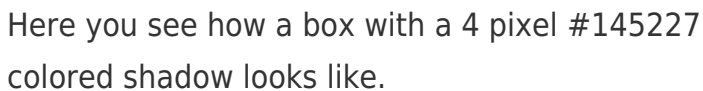
```
.border, #border, table{ border:4px solid
#145227 }
```

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

```
.border{ border-color:#145227 }
```

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

Here you see how a box with a 4 pixel #145227 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #145227; -webkit-box-shadow:4px 4px  
4px 4px #145227; box-shadow:4px 4px 4px  
4px #145227 }
```

Background

The CSS property to change the background color of an element to Hex 145227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#145227 }
```

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

```
.background{ background-color:#145227 }
```

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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