

Converting Colors

Hex(142466)

Have a look what the booklet for
Hex(142466) contains.

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Color

Hex(142466)

Conversions

Conversions Part 1

Format	Color
Hex	142466
RGB	20, 36, 102
RGB Percent	8%, 14%, 40%
CMY	0.9216, 0.8588, 0.6000
CMYK	0.80, 0.65, 0.00, 0.60
HSL	228°, 67%, 24%
HSV	228°, 80%, 40%
XYZ	3.3176, 2.3698, 12.8529
YIQ	38.7400, -30.7220, 17.1340

Conversions

Conversions Part 2

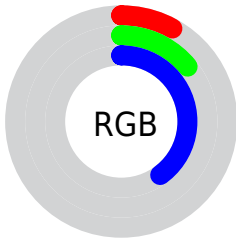
Format	Color
R _Y B	20, 33, 102
Decimal	1320038
CIE Lab	17.32, 19.79, -40.66
CIE LCh	17, 45.222, 295.950
Yxy	2.3698, 0.1789, 0.1278
Android (android.graphics.Color)	4279510118 (0xFF142466)
YUV	38.7400, 31.1872, -16.4350
Hunter-Lab	15.3941, 11.5295, -38.7269

Details

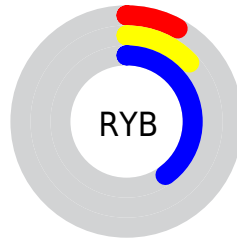
The Hex color **142466** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **665614**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **4E509A**, and **000036** is the 20% darker color. If you saturate the color by 10%, you get **0A1C66**, and if you desaturate by 10%, it is **1E2C66**.

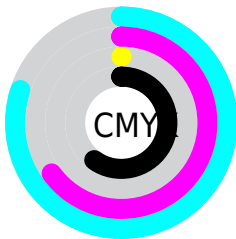
Distribution



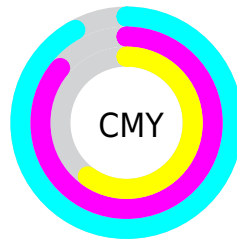
- Red (8%)
- Green (14%)
- Blue (40%)



- Red (8%)
- Yellow (13%)
- Blue (40%)



- Cyan (80%)
- Magenta (65%)
- Yellow (0%)
- Black (60%)



- Cyan (92%)
- Magenta (86%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 142466 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 142466 by changing the saturation by 10% instead.

■ 142466

■ 142466

FFFFFF

■ 00104D

■ 4E509A

■ 000036

■ 6868B5

■ 000220

■ 8381D1

■ 000004

■ 9F9BED

■ 000000

■ BBB6FF

■ D7D2FF

■ F5EEFF

■ 142466

■ 142466

■ 0A1C66

■ 1E2C66

■ 001466

■ 283466

■ 333D66

■ 3D4566

■ 474D66

■ 515566

■ 5B5D66

■ 666666

■ 706E66

Harmonies

Analogous

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



00316D



142466



4C0D50

Triad

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



142466



511800



003725

Complementary

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



142466



665614

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.



003500



142466



392800

Square

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



142466



5F0010



1A3100



003846

Rectangle

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



142466



5B003B



1A3100



003719

Sweetspot

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



142466



656B85



146656



2F3342



C2C2C2



424242

Same Dimension

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



142466



051E85



2D1466



2E2F33



001673



002FF2

Inverse Universe

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



661424



85051E



4D6614



332E2F



730016



F2002F

Previews

White Background



This preview shows how the Hex color 142466 looks on a white background.

Color Contrast Check

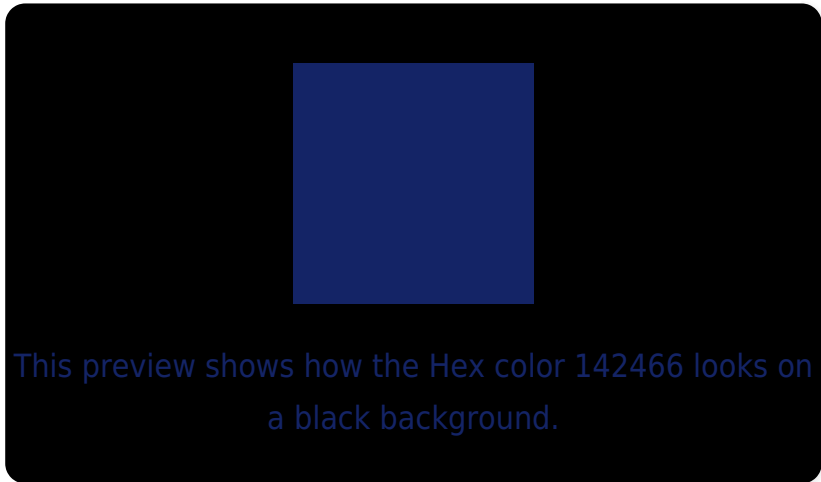
Large Text (above 18pt) WCAG AA ✓ Pass

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

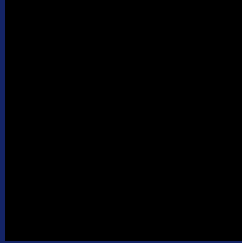
Any Text WCAG AA × Fail

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 142466 Background



This preview shows how black text looks on a background with the Hex color 142466.



This preview shows how white text looks on a background with the Hex color 142466.

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

142466

Protanopia

002A58

Deuteranopia

002C4B

Trichromacy



Original Color
142466

Protanomaly
07285D

Deuteranomaly
072955

Tritanomaly
072C46

Monochromacy



Original Color
142466

Achromatopsia
272727

Achromatomaly
20263E

CSS Examples

Text

The CSS property to change the color of the text to Hex 142466 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 #142466 looks like.

```
.text, #text, p{  
  color:#142466  
}
```

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 #142466 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #142466
}
```

Border

The CSS property to change the border of an element to Hex 142466 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
#142466 }
```

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

```
.border{ border-color:#142466 }
```

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

Here you see how a box with a 4 pixel #142466 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #142466; -webkit-box-shadow:4px 4px  
4px 4px #142466; box-shadow:4px 4px 4px  
4px #142466 }
```

Background

The CSS property to change the background color of an element to Hex 142466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#142466 }
```

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

```
.background{ background-color:#142466 }
```

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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