

Converting Colors

Hex(032565)

Have a look what the booklet for
Hex(032565) contains.

Hex(032565)	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(032565)

Conversions

Conversions Part 1

Format	Color
Hex	032565
RGB	3, 37, 101
RGB Percent	1%, 15%, 40%
CMY	0.9882, 0.8549, 0.6039
CMYK	0.97, 0.63, 0.00, 0.60
HSL	219°, 94%, 20%
HSV	219°, 97%, 40%
XYZ	3.0481, 2.2821, 12.5918
YIQ	34.1300, -40.8080, 12.6960

Conversions

Conversions Part 2

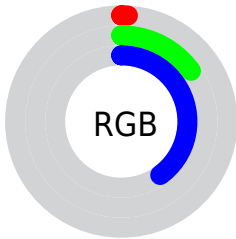
Format	Color
R_YB	3, 28, 101
Decimal	206181
CIE Lab	16.90, 17.03, -40.71
CIE LCh	17, 44.130, 292.702
Yxy	2.2821, 0.1701, 0.1273
Android (android.graphics.Color)	4278396261 (0xFF032565)
YUV	34.1300, 32.9669, -27.3010
Hunter-Lab	15.1066, 9.5799, -38.8453

Details

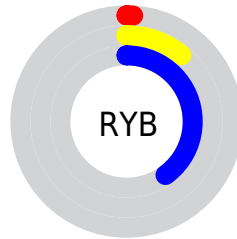
The Hex color **032565** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **654303**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **465199**, and **000235** is the 20% darker color. If you saturate the color by 10%, you get **002365**, and if you desaturate by 10%, it is **0D2C65**.

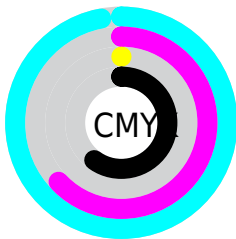
Distribution



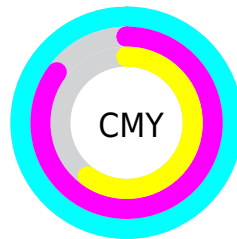
- Red (1%)
- Green (15%)
- Blue (40%)



- Red (1%)
- Yellow (11%)
- Blue (40%)



- Cyan (97%)
- Magenta (63%)
- Yellow (0%)
- Black (60%)



- Cyan (99%)
- Magenta (85%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 032565 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 032565 by changing the saturation by 10% instead.

■ 032565

■ 032565

FFFFFF

■ 00114D

■ 465199

■ 000235

■ 6169B4

■ 00021F

■ 7C82D0

■ 000002

■ 979CEC

■ 000000

■ B3B7FF

■ D0D3FF

■ EDEFFF

■ 032565

■ 032565

■ 002365

■ 0D2C65

■ 173265

■ 213965

■ 2B3F65

■ 364665

■ 404D65

■ 4A5365

■ 545A65

■ 5E6065

Harmonies

Analogous

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



003069



032565



461051

Triad

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



032565



511500



003621

Complementary

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



032565



654303

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.



003400



032565



3B2600

Square

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



032565



5D0014



1E2F00



003641

Rectangle

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



032565



57003D



1E2F00



003515

Sweetspot

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



032565



5C6982



036543



2B3342



C2C2C2



424242

Same Dimension

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



032565



002D82



120365



2E3033



002873



0054F2

Inverse Universe

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



650325



82002D



566503



332E30



730028



F20054

Previews

White Background



This preview shows how the Hex color 032565 looks on a white background.

Color Contrast Check

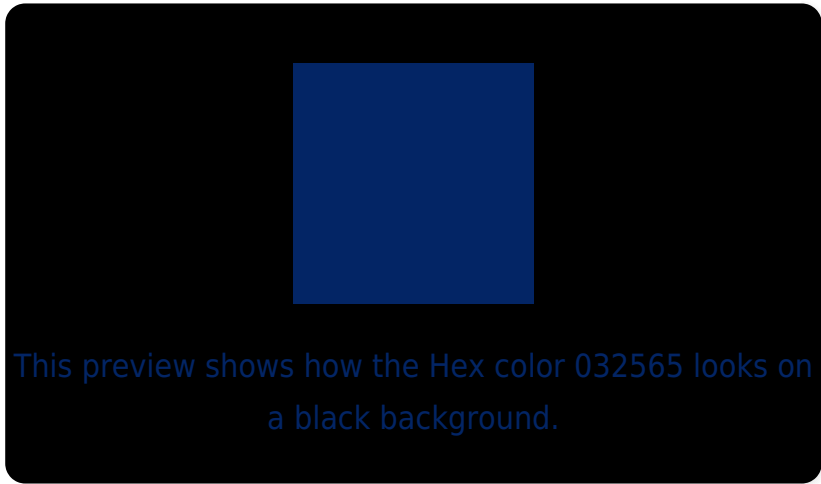
Large Text (above 18pt) WCAG AA ✓ Pass

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

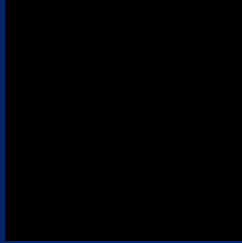
Any Text WCAG AA × Fail

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 032565 Background



This preview shows how black text looks on a background with the Hex color 032565.



This preview shows how white text looks on a background with the Hex color 032565.

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
032565

Protanopia
002957

Deuteranopia
002C4A



Tritanopia
002F32

Trichromacy



Original Color
032565

Protanomaly
01285C

Deuteranomaly
012954

Tritanomaly
012B45

Monochromacy



Original Color
032565

Achromatopsia
222222

Achromatomaly
17233A

CSS Examples

Text

The CSS property to change the color of the text to Hex 032565 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 #032565 looks like.

```
.text, #text, p{  
    color:#032565  
}
```

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 #032565 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #032565
}
```

Border

The CSS property to change the border of an element to Hex 032565 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
#032565 }
```

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

```
.border{ border-color:#032565 }
```

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

Here you see how a box with a 4 pixel #032565 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #032565; -webkit-box-shadow:4px 4px  
4px 4px #032565; box-shadow:4px 4px 4px  
4px #032565 }
```

Background

The CSS property to change the background color of an element to Hex 032565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#032565 }
```

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

```
.background{ background-color:#032565 }
```

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