

Converting Colors

HunterLab(33.9942, -16.2736,
-6.0738)

Have a look what the booklet for
HunterLab(33.9942, -16.2736,
-6.0738) contains.

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Color

**HunterLab(33.9942,
-16.2736, -6.0738)**

Conversions

Conversions Part 1

Format	Color
Hex	0C6A70
RGB	12, 106, 112
RGB Percent	5%, 42%, 44%
CMY	0.9529, 0.5843, 0.5608
CMYK	0.89, 0.05, 0.00, 0.56
HSL	184°, 81%, 24%
HSV	184°, 89%, 44%
XYZ	8.2303, 11.5561, 17.1260
YIQ	78.5780, -57.9500, -18.0620

Conversions

Conversions Part 2

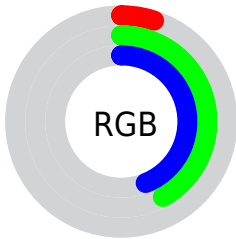
Format	Color
R_{YB}	12, 60, 112
Decimal	813680
CIE _{Lab}	40.50, -22.34, -10.54
CIE _{LCh}	41, 24.699, 205.267
Yxy	11.5565, 0.2230, 0.3131
Android (android.graphics.Color)	4279003760 (0xFF0C6A70)
YUV	78.5780, 16.4770, -58.3889
Hunter-Lab	33.9942, -16.2736, -6.0738

Details

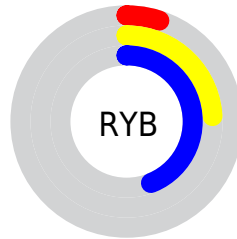
The HunterLab color **33.9942, -16.2736, -6.0738** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19.7593, 28.3418, 11.6270**, and the grayscale version is **27.7689, -1.4817, 1.5087**.

A 20% lighter version of the original color is **53.6622, -20.2228, -6.0930**, and **18.4290, -8.6321, -4.4003** is the 20% darker color. If you saturate the color by 10%, you get **33.6831, -16.4442, -6.5158**, and if you desaturate by 10%, it is **34.3540, -15.9201, -5.5663**.

Distribution



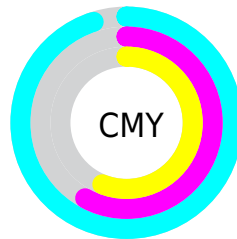
- Red (5%)
- Green (42%)
- Blue (44%)



- Red (5%)
- Yellow (24%)
- Blue (44%)



- Cyan (89%)
- Magenta (5%)
- Yellow (0%)
- Black (56%)



- Cyan (95%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9942, -16.2736, -6.0738 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 HunterLab color 33.9942, -16.2736, -6.0738 by changing the saturation by 10% instead.

■ 33.9942, -16.2736,
-6.0738

■ 33.9942, -16.2736,
-6.0738

141.9319,
-32.2400, -4.2325

■ 25.3820, -14.2072,
-5.9693

■ 53.5581, -20.1030,
-6.0555

■ 17.6520, -11.9725,
-5.7787

■ 64.3954, -21.9214,
-5.9483

■ 10.9204, -9.9602,
-5.4976

■ 75.8787, -23.6977,
-5.7835

■ 2.3583, -4.1269,
-18.4023

■ 87.9735, -25.4425,
-5.5656

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.6503,
-27.1638, -5.2985

0.0000, NaN, NaN

■ 113.8835,

0.0000, NaN, NaN

-28.8676, -4.9855

0.0000, NaN, NaN

127.6507,
-30.5584, -4.6293

■ 33.9942, -16.2736,
-6.0738

■ 33.9942, -16.2736,
-6.0738

■ 33.6831, -16.4442,
-6.5158

■ 34.3540, -15.9201,
-5.5663

■ 33.6606, -16.4565,
-6.5480

■ 34.7916, -15.2656,
-4.9524

■ 35.3136, -14.2930,
-4.2275

■ 35.9239, -12.9957,
-3.3915

■ 36.6248, -11.3760,
-2.4471

■ 37.4169, -9.4434,
-1.3998

■ 38.3000, -7.2131,
-0.2566

■ 39.2726, -4.7045,
0.9744

■ 40.3327, -1.9395,
2.2843

Harmonies

Analogous

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



33.9948, -17.5955, 3.1993



33.9942, -16.2736, -6.0738



33.9948, -11.2470, -14.9245

Triad

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



33.9948, -16.2736, -6.0733



33.9948, 13.8404, -9.1003



33.9948, -0.3555, 14.6366

Complementary

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



33.9942, -16.2736, -6.0738



19.7593, 28.3418, 11.6270

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.



33.9948, 8.7710, 12.9087



33.9942, -16.2736, -6.0738



33.9948, 17.4990, 0.4440

Square

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



33.9948, -16.2736, -6.0733



33.9948, 6.0030, -16.9708



33.9948, 15.5530, 8.2321



33.9948, -8.9860, 13.7493

Rectangle

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



33.9942, -16.2736, -6.0738



33.9948, -6.1643, -18.5752



33.9948, 15.5530, 8.2321



33.9948, 2.7631, 14.3591

Sweetspot

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



33.9948, -16.2736, -6.0733



49.7688, -12.0782, -1.6258



34.2158, -28.3298, 19.6680



24.2543, -6.2681, -0.9797



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



33.9948, -16.2736, -6.0733



44.5436, -21.7248, -8.7779



20.4328, 3.9028, -31.8227



19.4489, -2.2923, 0.4995



36.1757, -17.6742, -7.0629



80.4597, -39.1019, -16.1577

Inverse Universe

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



21.7913, 38.9895, -22.9908



28.0127, 54.3821, -31.5841



27.3611, 9.2415, 16.2671



18.5747, 1.1883, -0.3794



22.7309, 44.1386, -25.7083



50.6883, 98.3563, -56.7881

Previews

White Background



This preview shows how the HunterLab color 33.9942, -16.2736, -6.0738 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 × Fail

Black Background



This preview shows how the HunterLab color 33.9942, -16.2736, -6.0738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

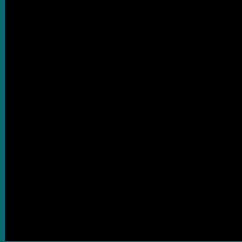
Any Text WCAG AA × Fail

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](#).

HunterLab 33.9942, -16.2736, -6.0738 Background



This preview shows how black text looks on a background with the HunterLab color 33.9942, -16.2736, -6.0738.



This preview shows how white text looks on a background with the HunterLab color 33.9942, -16.2736, -6.0738.

-16.2736, -6.0738.

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

33.9942, -16.2736, -6.0738

Protanopia

34.0353, -0.5181, -2.3180

Deuteranopia

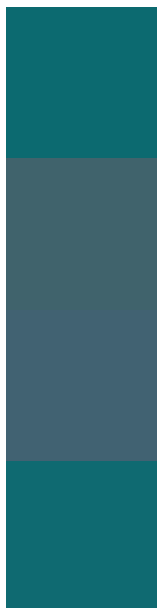
33.9108, 2.3911, -7.4211



Tritanopia

34.1074, -15.7007, -6.9316

Trichromacy



Original Color

33.9942, -16.2736, -6.0738

Protanomaly

33.3112, -8.5514, -4.8753

Deuteranomaly

33.2778, -6.8231, -7.9773

Tritanomaly

34.0615, -15.9454, -6.4848

Monochromacy



Original Color

33.9942, -16.2736, -6.0738

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

29.5166, -9.1028, -1.8525

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9942, -16.2736, -6.0738 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 `rgb(12, 106, 112)` looks like.

```
.text, #text, p{  
    color:rgb(12, 106, 112)  
}
```

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 rgb(12, 106, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 106, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9942, -16.2736, -6.0738 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 rgb(12, 106, 112) }
```


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

```
.border{ border-color:rgb(12, 106, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 106, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 106, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 106, 112);  
box-shadow:4px 4px 4px 4px rgb(12, 106,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.9942, -16.2736, -6.0738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 106, 112) }
```

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

```
.background{ background-color: rgb(12, 106,  
112) }
```

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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