

Converting Colors

HunterLab(33.1581, -11.3487,
-6.8963)

Have a look what the booklet for
HunterLab(33.1581, -11.3487,
-6.8963) contains.

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Color

**HunterLab(33.2557,
-11.5258, -6.5220)**

Conversions

Conversions Part 1

Format	Color
Hex	2F656F
RGB	47, 101, 111
RGB Percent	18%, 40%, 44%
CMY	0.8157, 0.6039, 0.5647
CMYK	0.58, 0.09, 0.00, 0.56
HSL	189°, 41%, 31%
HSV	189°, 58%, 44%
XYZ	8.6952, 11.0594, 16.7153
YIQ	85.9940, -35.3940, -8.3380

Conversions

Conversions Part 2

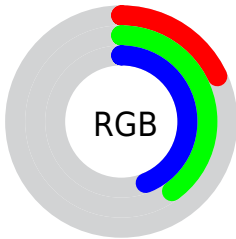
Format	Color
R_{YB}	47, 76, 111
Decimal	3106159
CIE _{Lab}	39.68, -14.71, -11.09
CIE _{LCh}	40, 18.419, 217.015
Yxy	11.0598, 0.2384, 0.3032
Android (android.graphics.Color)	4281296239 (0xFF2F656F)
YUV	85.9940, 12.3280, -34.1977
Hunter-Lab	33.2557, -11.5258, -6.5220




Details

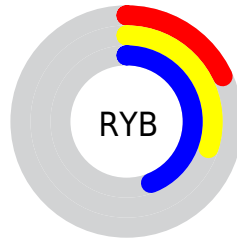
The HunterLab color **33.2557, -11.5258, -6.5220** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **25.5173, 15.0287, 9.7372**, and the grayscale version is **30.4697, -1.6258, 1.6555**.




A 20% lighter version of the original color is **52.6816, -14.3141, -6.7854**, and **17.3125, -7.4450, -5.5676** is the 20% darker color. If you saturate the color by 10%, you get **32.3967, -12.1712, -7.7738**, and if you desaturate by 10%, it is **34.2030, -10.5670, -5.1793**.

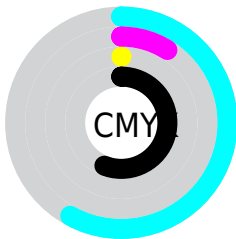
Distribution







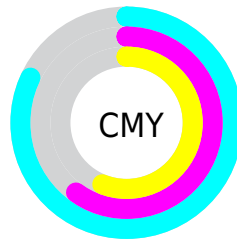
-  Red (18%)
-  Green (40%)
-  Blue (44%)






-  Red (18%)
-  Yellow (30%)
-  Blue (44%)



-  Cyan (58%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (82%)
-  Magenta (60%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2557, -11.5258, -6.5220 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 33.2557, -11.5258, -6.5220 by changing the saturation by 10% instead.

■ 33.2557, -11.5258,
-6.5220

■ 33.2557, -11.5258,
-6.5220

■ 140.7400,
-23.9045, -4.9114

■ 24.7125, -10.0305,
-6.3863

■ 52.6980, -14.3701,
-6.5625

■ 17.0596, -8.4456,
-6.1645

■ 63.4805, -15.7516,
-6.4829

■ 10.4168, -6.9257,
-5.8561

■ 74.9121, -17.1187,
-6.3445

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 86.9578, -18.4777,
-6.1520

0.0000, NaN, NaN

■ 99.5879, -19.8328,
-5.9093

0.0000, NaN, NaN

■ 112.7763,

0.0000, NaN, NaN

-21.1874, -5.6197

0.0000, NaN, NaN

126.5004,
-22.5440, -5.2863

■ 33.2557, -11.5258,
-6.5220

■ 33.2557, -11.5258,
-6.5220

■ 32.3967, -12.1712,
-7.7738

■ 34.2030, -10.5670,
-5.1793

■ 31.6230, -12.5005,
-8.9298

■ 35.2363, -9.3045,
-3.7559

■ 30.9319, -12.5216,
-9.9861

■ 36.3548, -7.7537,
-2.2610

■ 30.3009, -12.3183,
-10.9717

■ 37.5562, -5.9336,
-0.7043

■ 30.1536, -12.2685,
-11.2052

■ 38.8375, -3.8651,
0.9047

■ 40.1953, -1.5700,
2.5572

■ 41.6261, 0.9302,
4.2452

■ 43.1263, 3.6147,
5.9617

■ 44.6921, 6.4642,
7.7008

Harmonies

Analogous

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



33.2563, -13.7120, 0.2654



33.2557, -11.5258, -6.5220



33.2563, -6.6982, -11.6935

Triad

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



33.2563, -11.5259, -6.5215



33.2563, 11.0474, -3.3856



33.2563, -3.3480, 11.8876

Complementary

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



33.2557, -11.5258, -6.5220



25.5173, 15.0287, 9.7372

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.



33.2563, 3.4497, 11.2953



33.2557, -11.5258, -6.5220



33.2563, 12.1236, 3.2844

Square

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



33.2563, -11.5259, -6.5215



33.2563, 6.4110, -9.6454



33.2563, 9.2446, 8.4234



33.2563, -9.2409, 10.2427

Rectangle

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



33.2557, -11.5258, -6.5220



33.2563, -2.4499, -13.0455



33.2563, 9.2446, 8.4234



33.2563, -1.0972, 11.9372

Sweetspot

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



33.2563, -11.5259, -6.5215



50.2877, -7.8899, -0.9017



35.0213, -22.6242, 14.7182



24.5289, -4.0541, -0.5947



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.



33.2563, -11.5259, -6.5215



43.0055, -16.4750, -10.9157



24.6131, 1.8524, -21.0286



19.3153, -2.0781, 0.3417



32.6864, -13.2574, -12.2362



72.2446, -28.6583, -28.4343

Inverse Universe

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



25.2041, 26.1575, -12.9750



30.8804, 42.4181, -20.5619



32.6549, 0.8404, 15.2530



18.5606, 1.1127, -0.1795



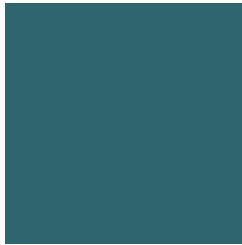
22.1909, 42.2476, -18.5671



49.4233, 93.9233, -40.0349

Previews

White Background



This preview shows how the HunterLab color 33.2557, -11.5258, -6.5220 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 33.2557, -11.5258, -6.5220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

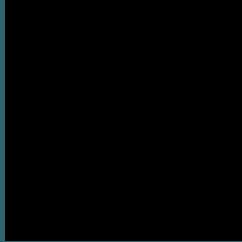
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

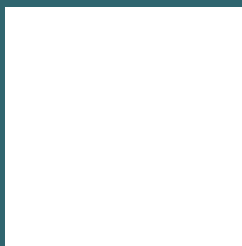
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 33.2557, -11.5258, -6.5220 Background



This preview shows how black text looks on a background with the HunterLab color 33.2557, -11.5258, -6.5220.



This preview shows how white text looks on a background with the HunterLab color 33.2557,

-11.5258, -6.5220.

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

33.2557, -11.5258, -6.5220

Protanopia

33.0127, 0.0360, -3.6596

Deuteranopia

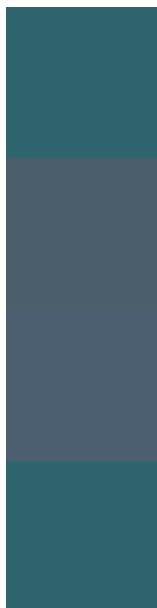
33.0904, 2.1594, -7.5643



Tritanopia

33.1547, -12.0387, -5.6539

Trichromacy



Original Color

33.2557, -11.5258, -6.5220

Protanomaly

32.7747, -4.8117, -5.0519

Deuteranomaly

33.0012, -3.6775, -7.2698

Tritanomaly

33.1873, -11.8498, -6.1121

Monochromacy



Original Color

33.2557, -11.5258, -6.5220

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

31.1225, -5.8332, -1.5496

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2557, -11.5258, -6.5220 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(47, 101, 111)` looks like.

```
.text, #text, p{  
    color:rgb(47, 101, 111)  
}
```

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(47, 101, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 101, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2557, -11.5258, -6.5220 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(47, 101, 111) }
```


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

```
.border{ border-color:rgb(47, 101, 111) }
```

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

Here you see how a box with a 4 pixel rgb(47, 101, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 101, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 101, 111);  
box-shadow:4px 4px 4px 4px rgb(47, 101,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.2557, -11.5258, -6.5220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 101, 111) }
```

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

```
.background{ background-color: rgb(47, 101,  
111) }
```

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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