

Converting Colors

HunterLab(33.7629, -4.0522,
-26.3081)

Have a look what the booklet for
HunterLab(33.7629, -4.0522,
-26.3081) contains.

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Color

**HunterLab(33.7629, -4.0522,
-26.3081)**

Conversions

Conversions Part 1

Format	Color
Hex	276391
RGB	39, 99, 145
RGB Percent	15%, 39%, 57%
CMY	0.8470, 0.6118, 0.4314
CMYK	0.73, 0.32, 0.00, 0.43
HSL	206°, 58%, 36%
HSV	206°, 73%, 57%
XYZ	10.4094, 11.3993, 28.4397
YIQ	86.3040, -50.5260, 1.5860

Conversions

Conversions Part 2

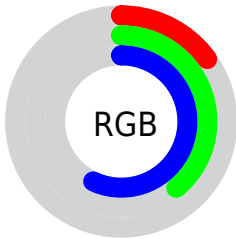
Format	Color
R_{YB}	39, 77, 145
Decimal	2581393
CIE _{Lab}	40.25, -3.21, -30.87
CIE _{LCh}	40, 31.037, 264.055
Yxy	11.3997, 0.2072, 0.2269
Android (android.graphics.Color)	4280771473 (0xFF276391)
YUV	86.3040, 28.9371, -41.4856
Hunter-Lab	33.7629, -4.0522, -26.3081

Details

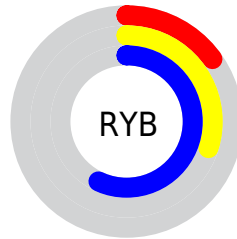
The HunterLab color **33.7629, -4.0522, -26.3081** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **35.5868, 14.4283, 18.9822**, and the grayscale version is **30.5285, -1.6289, 1.6587**.

A 20% lighter version of the original color is **53.4162, -5.7519, -27.1604**, and **18.3149, 0.0477, -22.9951** is the 20% darker color. If you saturate the color by 10%, you get **31.6582, -2.4661, -30.7051**, and if you desaturate by 10%, it is **36.0252, -5.1346, -21.9793**.

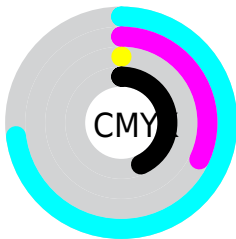
Distribution



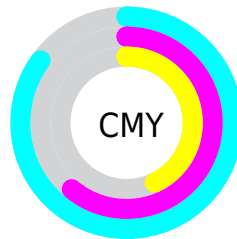
- Red (15%)
- Green (39%)
- Blue (57%)



- Red (15%)
- Yellow (30%)
- Blue (57%)



- Cyan (73%)
- Magenta (32%)
- Yellow (0%)
- Black (43%)



- Cyan (85%)
- Magenta (61%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7629, -4.0522, -26.3081 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 33.7629, -4.0522, -26.3081 by changing the saturation by 10% instead.

■ 33.7629, -4.0522,
-26.3081

■ 33.7629, -4.0522,
-26.3081

■ 141.5591,
-11.2164, -30.1368

■ 25.1721, -3.3775,
-25.7555

■ 53.2888, -5.4733,
-27.4718

■ 17.4662, -2.7247,
-25.3729

■ 64.1090, -6.2214,
-28.0079

■ 10.7622, -2.0875,
-25.5397

■ 75.5762, -6.9943,
-28.4952

■ 1.6493, -2.8862,
-98.7233

■ 87.6557, -7.7916,
-28.9298

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 100.3179, -8.6129,
-29.3104

0.0000, NaN, NaN

■ 113.5371, -9.4578,

0.0000, NaN, NaN

-29.6376

0.0000, NaN, NaN

127.2909,
-10.3258, -29.9125

■ 33.7629, -4.0522,
-26.3081

■ 33.7629, -4.0522,
-26.3081

■ 31.6582, -2.4661,
-30.7051

■ 36.0252, -5.1346,
-21.9793

■ 29.7171, -0.3647,
-35.1414

■ 38.4329, -5.7468,
-17.7445

■ 28.4429, 1.2698,
-38.2924

■ 40.9750, -5.9300,
-13.6174

■ 43.6401, -5.7287,
-9.6044

■ 46.4177, -5.1860,
-5.7055

■ 49.2981, -4.3419,
-1.9167

■ 52.2724, -3.2321,
1.7687

■ 55.3328, -1.8881,
5.3587

■ 58.4726, -0.3375,
8.8619

Harmonies

Analogous

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



33.7635, -13.7715, -19.8746



33.7629, -4.0522, -26.3081



33.7635, 7.6404, -23.4023

Triad

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



33.7635, -4.0519, -26.3074



33.7635, 20.7264, 9.3040



33.7635, -17.8322, 11.9594

Complementary

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



33.7629, -4.0522, -26.3081



35.5868, 14.4283, 18.9822

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.



33.7635, -10.3112, 15.9074



33.7629, -4.0522, -26.3081



33.7635, 12.1058, 14.7700

Square

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



33.7635, -4.0519, -26.3074



33.7635, 22.9832, -0.4024



33.7635, 0.5056, 16.7304



33.7635, -21.0173, 3.9344

Rectangle

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



33.7629, -4.0522, -26.3081



33.7635, 14.8968, -16.9275



33.7635, 0.5056, 16.7304



33.7635, -15.7798, 13.6841

Sweetspot

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



33.7635, -4.0519, -26.3074



62.3601, -6.8793, -7.3061



46.1923, -32.1481, 16.8862



28.9907, -3.3467, -4.0208



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



33.7635, -4.0519, -26.3074



40.5916, -1.4812, -45.0861



21.0606, 21.8596, -62.0546



23.9366, -1.8669, -0.2161



26.4409, 1.0023, -35.2126



3.3281, -1.0555, -1.8813

Inverse Universe

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



28.9346, 39.7727, -5.6633



35.5739, 60.1819, -4.8882



49.3198, -9.8623, 27.9098



23.3923, 1.2512, 0.4523



23.8581, 43.0739, -1.7628



2.4260, 4.5457, -1.4644

Previews

White Background



This preview shows how the HunterLab color 33.7629, -4.0522, -26.3081 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 33.7629, -4.0522, -26.3081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

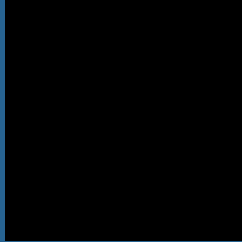
Any Text WCAG AA × Fail

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 33.7629, -4.0522, -26.3081 Background



This preview shows how black text looks on a background with the HunterLab color 33.7629, -4.0522, -26.3081.

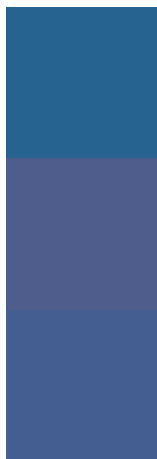


This preview shows how white text looks on a background with the HunterLab color 33.7629, -4.0522, -26.3081.

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

33.7629, -4.0522, -26.3081

Protanopia

33.7408, 3.7627, -22.7415

Deuteranopia

33.6299, 2.5848, -27.1759



Tritanopia

33.6086, -16.1550, -7.1340

Trichromacy



Original Color

33.7629, -4.0522, -26.3081

Protanomaly

33.5073, 0.4357, -24.6280

Deuteranomaly

33.6317, -0.1625, -27.2202

Tritanomaly

33.5776, -12.3355, -13.7850

Monochromacy



Original Color

33.7629, -4.0522, -26.3081

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

31.3192, -4.3738, -7.1105

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.7629, -4.0522, -26.3081 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(39, 99, 145)` looks like.

```
.text, #text, p{  
    color:rgb(39, 99, 145)  
}
```

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(39, 99, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 99, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 33.7629, -4.0522, -26.3081 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(39, 99, 145) }
```


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

```
.border{ border-color:rgb(39, 99, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 99, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 99, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 99, 145);  
box-shadow:4px 4px 4px 4px rgb(39, 99,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.7629, -4.0522, -26.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 99, 145) }
```

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

```
.background{ background-color: rgb(39, 99,  
145) }
```

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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