

# Converting Colors

HunterLab(23.9773, -11.2656,  
3.3670)

Have a look what the booklet for  
HunterLab(23.9773, -11.2656,  
3.3670) contains.

<b>HunterLab(24.0276, -11.2292, 3.3633)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(24.0276,  
-11.2292, 3.3633)**

# Conversions

## Conversions Part 1

Format	Color
Hex	254B3E
RGB	37, 75, 62
RGB Percent	15%, 29%, 24%
CMY	0.8549, 0.7059, 0.7569
CMYK	0.51, 0.00, 0.17, 0.71
HSL	159°, 34%, 22%
HSV	159°, 51%, 29%
XYZ	4.1485, 5.7733, 5.4531
YIQ	62.1560, -18.4750, -12.0990

# Conversions

## Conversions Part 2

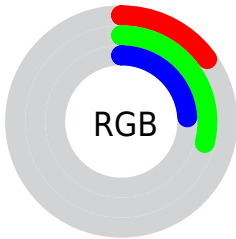
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	37, 60, 75
Decimal	2444094
CIE Lab	28.83, -17.20, 3.58
CIE LCh	29, 17.570, 168.251
Yxy	5.7735, 0.2698, 0.3755
Android (android.graphics.Color)	4280634174 (0xFF254B3E)
YUV	62.1560, -0.0769, -22.0618
Hunter-Lab	24.0276, -11.2292, 3.3633

# Details

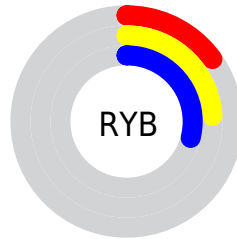
The HunterLab color **24.0276, -11.2292, 3.3633** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.4625, 11.7501, 0.7198**, and the grayscale version is **22.0074, -1.1743, 1.1957**.

A 20% lighter version of the original color is **41.7741, -14.5037, 4.9526**, and **10.1513, -6.9285, 2.2684** is the 20% darker color. If you saturate the color by 10%, you get **23.7091, -12.5965, 3.8933**, and if you desaturate by 10%, it is **24.4042, -9.6600, 2.8779**.

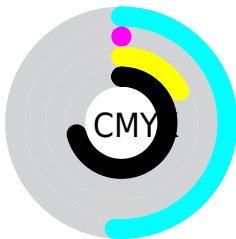
# Distribution



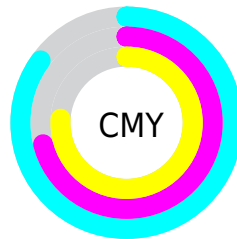
- Red (15%)
- Green (29%)
- Blue (24%)



- Red (15%)
- Yellow (24%)
- Blue (29%)



- Cyan (51%)
- Magenta (0%)
- Yellow (17%)
- Black (71%)



- Cyan (85%)
- Magenta (71%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.0276, -11.2292, 3.3633 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 24.0276, -11.2292, 3.3633 by changing the saturation by 10% instead.



■ 24.0276, -11.2292,  
3.3633

■ 24.0276, -11.2292,  
3.3633

125.3171,  
-25.0192, 10.4993

■ 16.4555, -9.4173,  
2.6834

■ 41.7844, -14.5337,  
4.7825

■ 9.9054, -8.1519,  
2.0575

■ 51.8153, -16.0955,  
5.5266

0.0000, NaN, NaN

■ 62.5411, -17.6220,  
6.2951

0.0000, NaN, NaN

■ 73.9191, -19.1242,  
7.0881

0.0000, NaN, NaN

■ 85.9140, -20.6100,  
7.9053

0.0000, NaN, NaN

■ 98.4956, -22.0850,

0.0000, NaN, NaN

0.0000, NaN, NaN

111.6376,  
-23.5537, 9.6113

24.0276, -11.2292,  
3.3633

24.0276, -11.2292,  
3.3633

23.7091, -12.5965,  
3.8933

24.4042, -9.6600,  
2.8779

23.4457, -13.7568,  
4.4609

24.8380, -7.8967,  
2.4413

23.2357, -14.7111,  
5.0593

25.3297, -5.9512,  
2.0574

23.0718, -15.4811,  
5.6766

25.8786, -3.8376,  
1.7289

22.9282, -16.1630,  
6.2331

26.4837, -1.5715,  
1.4573

■ 27.1435, 0.8309,  
1.2430

■ 27.8563, 3.3533,  
1.0857

■ 28.6201, 5.9800,  
0.9841

■ 29.4328, 8.6963,  
0.9365

# Harmonies

## Analogous

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



24.0281, -9.0292, 7.3389



24.0276, -11.2292, 3.3633



24.0281, -10.9578, -2.2462

# Triad

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



24.0281, -11.2295, 3.3636



24.0281, 2.2991, -11.0620



24.0281, 6.5779, 7.9369

# Complementary

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



24.0276, -11.2292, 3.3633



17.4625, 11.7501, 0.7198

# 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.



24.0281, 10.2147, 4.3904



24.0276, -11.2292, 3.3633



24.0281, 7.5879, -6.8551

# Square

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



24.0281, -11.2295, 3.3636



24.0281, -3.5058, -11.5236



24.0281, 10.6009, -0.9471



24.0281, 1.0230, 9.5302



# Rectangle

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



24.0276, -11.2292, 3.3633



24.0281, -9.4068, -6.2056



24.0281, 10.6009, -0.9471



24.0281, 8.0870, 6.9783

# Sweetspot

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



24.0281, -11.2295, 3.3636



33.3356, -6.3675, 2.4509



24.1903, -11.4860, 10.4149



16.7023, -3.3373, 1.2526



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422



# Same Dimension

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



24.0281, -11.2295, 3.3636



30.7739, -16.8171, 5.2557



22.7920, -7.1517, -3.3977



13.7216, -1.7949, 0.8818



31.4789, -22.3832, 8.9729



76.5177, -55.1918, 23.5028



# Inverse Universe

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



17.4625, 11.7501, 0.7198



20.5291, 19.4580, 1.4244



18.2635, 8.0004, 5.7118



13.0809, 0.4049, 0.5986



17.1625, 30.0948, 5.6370



41.5907, 72.5658, 16.4844



# Previews

## White Background



This preview shows how the HunterLab color 24.0276, -11.2292, 3.3633 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

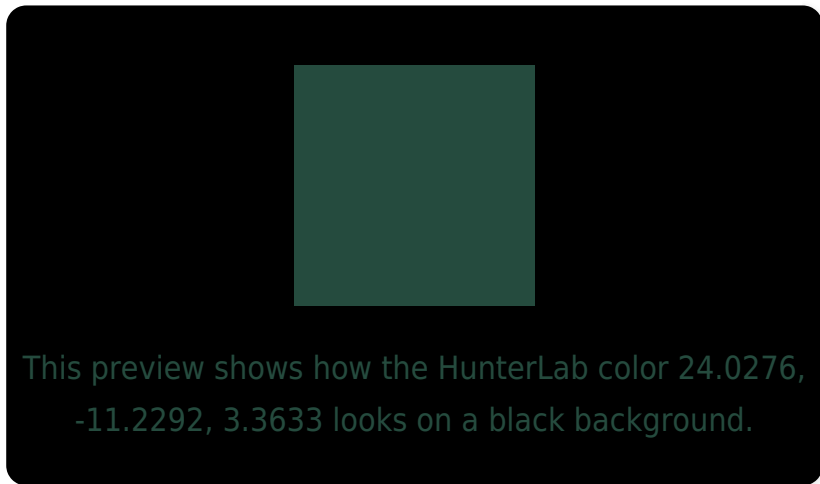
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

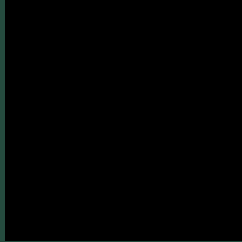
Any Text WCAG AA × Fail

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](#).

## HunterLab 24.0276, -11.2292, 3.3633 Background



This preview shows how black text looks on a background with the HunterLab color 24.0276, -11.2292, 3.3633.



This preview shows how white text looks on a background with the HunterLab color 24.0276,

-11.2292, 3.3633.

# 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

24.0276, -11.2292, 3.3633

### Protanopia

24.0402, -1.7570, 4.9102

### Deuteranopia

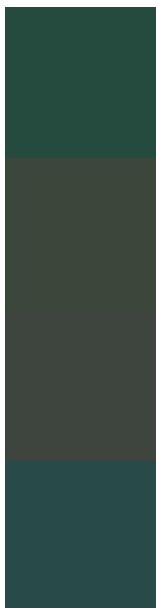
23.8480, 1.6501, 2.6648



## Tritanopia

24.1285, -7.0947, -3.4330

# Trichromacy



## Original Color

24.0276, -11.2292, 3.3633

## Protanomaly

23.9834, -5.9018, 4.4463

## Deuteranomaly

23.7471, -3.8843, 2.8237

## Tritanomaly

24.1448, -8.7898, -0.7544

# Monochromacy



## Original Color

24.0276, -11.2292, 3.3633

## Achromatopsia

21.9481, -1.1711, 1.1925

## Achromatomaly

22.6252, -5.3156, 1.9056

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 24.0276, -11.2292, 3.3633 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(37, 75, 62)` looks like.

```
.text, #text, p{  
    color:rgb(37, 75, 62)  
}
```

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(37, 75, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 75, 62) }
```

## Border

The CSS property to change the border of an element to HunterLab 24.0276, -11.2292, 3.3633 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(37, 75, 62) }
```



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

```
.border{ border-color:rgb(37, 75, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 75, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 75, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 75, 62);  
box-shadow:4px 4px 4px 4px rgb(37, 75, 62)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 24.0276, -11.2292, 3.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 75, 62) }
```

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

```
.background{ background-color: rgb(37, 75,  
62) }
```

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