

Converting Colors

HunterLab(27.2981, -13.3272,
9.0425)

Have a look what the booklet for
HunterLab(27.2981, -13.3272,
9.0425) contains.

HunterLab(27.3261, -13.3332, 9.0324)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(27.3261,
-13.3332, 9.0324)**

Conversions

Conversions Part 1

Format	Color
Hex	335536
RGB	51, 85, 54
RGB Percent	20%, 33%, 21%
CMY	0.8000, 0.6667, 0.7882
CMYK	0.40, 0.00, 0.36, 0.67
HSL	125°, 25%, 27%
HSV	125°, 40%, 33%
XYZ	5.2796, 7.4672, 4.6531
YIQ	71.3000, -10.3130, -16.8490

Conversions

Conversions Part 2

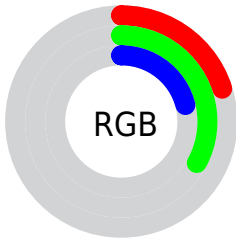
Format	Color
RYB	51, 82, 85
Decimal	3364150
CIELab	32.85, -19.77, 14.30
CIELCh	33, 24.401, 144.133
Yxy	7.4675, 0.3034, 0.4292
Android (android.graphics.Color)	4281554230 (0xFF335536)
YUV	71.3000, -8.5289, -17.8031
Hunter-Lab	27.3261, -13.3332, 9.0324




Details

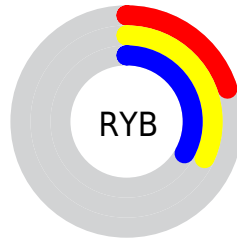
The HunterLab color **27.3261, -13.3332, 9.0324** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **22.1547, 13.2241, -7.4807**, and the grayscale version is **25.2405, -1.3468, 1.3714**.




A 20% lighter version of the original color is **45.7386, -16.9820, 11.9269**, and **12.2950, -9.0973, 6.0321** is the 20% darker color. If you saturate the color by 10%, you get **26.8317, -15.5407, 10.4925**, and if you desaturate by 10%, it is **27.9062, -10.8104, 7.3995**.

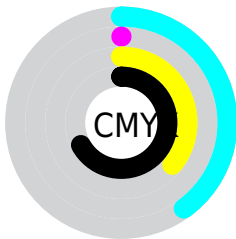
Distribution







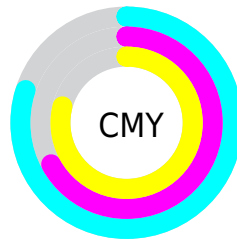
-  Red (20%)
-  Green (33%)
-  Blue (21%)






-  Red (20%)
-  Yellow (32%)
-  Blue (33%)



-  Cyan (40%)
-  Magenta (0%)
-  Yellow (36%)
-  Black (67%)



-  Cyan (80%)
-  Magenta (67%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.3261, -13.3332, 9.0324 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 27.3261, -13.3332, 9.0324 by changing the saturation by 10% instead.

27.3261, -13.3332,
9.0324

27.3261, -13.3332,
9.0324

130.9555,
-28.2976, 21.3882

19.3807, -11.3626,
7.4783

45.7249, -16.9396,
11.9216

12.4020, -9.1890,
6.0559

56.0404, -18.6421,
13.3062

5.6153, -9.8269,
3.9307

67.0327, -20.3031,
14.6694

0.0000, NaN, NaN

0.0000, NaN, NaN

78.6623, -21.9341,
16.0196

0.0000, NaN, NaN

90.8961, -23.5436,
17.3628

0.0000, NaN, NaN

0.0000, NaN, NaN

103.7056,

-25.1377, 18.7033

0.0000, NaN, NaN

117.0660,
-26.7211, 20.0442

■ 27.3261, -13.3332,
9.0324

■ 27.3261, -13.3332,
9.0324

■ 26.8317, -15.5407,
10.4925

■ 27.9062, -10.8104,
7.3995

■ 26.4208, -17.4129,
11.7648

■ 28.5696, -7.9957,
5.6102

■ 26.0922, -18.9395,
12.8396

■ 29.3152, -4.9182,
3.6832

■ 25.8425, -20.1202,
13.7119

■ 30.1406, -1.6085,
1.6378

■ 25.6658, -20.9695,
14.3823

■ 31.0429, 1.9026,
-0.5072

■ 25.5220, -21.6552,
14.8470

■ 32.0188, 5.5856,
-2.7342

■ 33.0646, 9.4127,
-5.0272

■ 34.1766, 13.3591,
-7.3718

■ 35.3510, 17.4027,
-9.7560

Harmonies

Analogous

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



27.3267, -7.7426, 12.1070



27.3261, -13.3332, 9.0324



27.3267, -15.7166, 3.0088

Triad

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



27.3267, -13.3337, 9.0327



27.3267, -3.0877, -18.5842



27.3267, 14.8612, 7.0434

Complementary

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



27.3261, -13.3332, 9.0324



22.1547, 13.2241, -7.4807

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.



27.3267, 16.4946, -0.1267



27.3261, -13.3332, 9.0324



27.3267, 5.4481, -16.5319

Square

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



27.3267, -13.3337, 9.0327



27.3267, -10.2769, -14.0844



27.3267, 12.8681, -9.1078



27.3267, 8.6404, 11.2243

Rectangle

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



27.3261, -13.3332, 9.0324



27.3267, -15.3997, -2.5278



27.3267, 12.8681, -9.1078



27.3267, 15.9940, 4.9729

Sweetspot

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



27.3267, -13.3337, 9.0327



38.0333, -7.4126, 5.4263



29.2194, -6.2908, 11.5394



19.2189, -3.8875, 2.8312



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



27.3267, -13.3337, 9.0327



35.0585, -20.1781, 13.6240



27.6657, -11.3421, 4.1331



15.2777, -2.3549, 1.7890



32.4915, -27.6339, 19.0421



76.9681, -65.7541, 45.7408

Inverse Universe

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



22.1547, 13.2241, -7.4807



26.9085, 21.9065, -12.4863



21.6395, 10.7109, -0.2505



14.6540, 0.8182, -0.1904



20.0180, 38.6535, -20.9560



47.3750, 91.3679, -48.7404

Previews

White Background



This preview shows how the HunterLab color 27.3261, -13.3332, 9.0324 looks on a white background.

Color Contrast Check

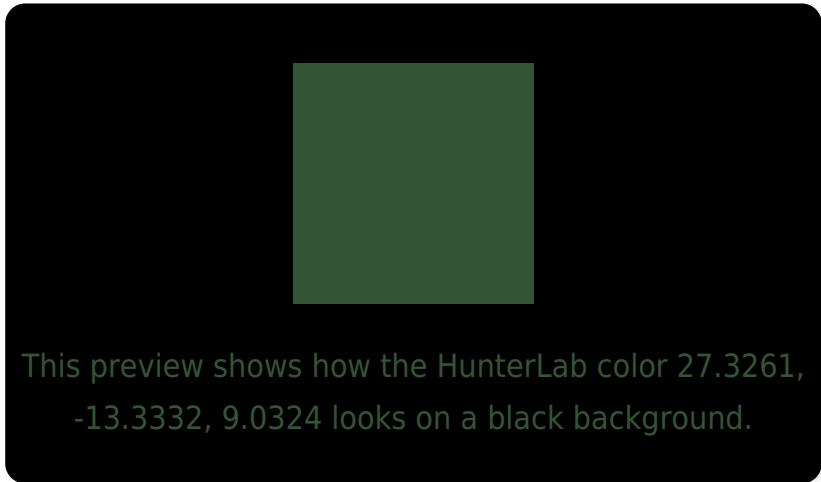
Large Text (above 18pt) WCAG AA ✓ Pass

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

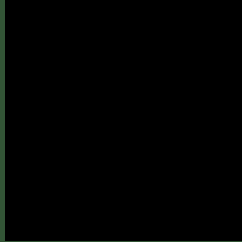
Any Text WCAG AA × Fail

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 27.3261, -13.3332, 9.0324 Background



This preview shows how black text looks on a background with the HunterLab color 27.3261, -13.3332, 9.0324.



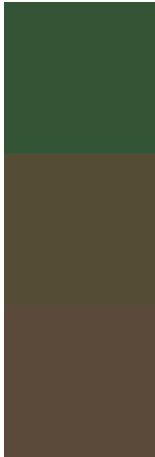
This preview shows how white text looks on a background with the HunterLab color 27.3261,

-13.3332, 9.0324.

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

27.3261, -13.3332, 9.0324

Protanopia

27.2609, -2.4770, 9.9430

Deuteranopia

27.2344, 1.5075, 8.3810



Tritanopia

27.3359, -5.9967, -2.8177

Trichromacy



Original Color

27.3261, -13.3332, 9.0324

Protanomaly

27.1348, -6.9573, 9.4998

Deuteranomaly

26.9644, -4.6971, 8.3065

Tritanomaly

27.1198, -8.8708, 2.0029

Monochromacy



Original Color

27.3261, -13.3332, 9.0324

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

25.7692, -5.9390, 4.2685

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.3261, -13.3332, 9.0324 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(51, 85, 54)` looks like.

```
.text, #text, p{  
    color:rgb(51, 85, 54)  
}
```

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(51, 85, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 85, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 27.3261, -13.3332, 9.0324 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(51, 85, 54) }
```


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

```
.border{ border-color:rgb(51, 85, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 85, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 85, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 85, 54);  
box-shadow:4px 4px 4px 4px rgb(51, 85, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.3261, -13.3332, 9.0324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 85, 54) }
```

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

```
.background{ background-color: rgb(51, 85,  
54) }
```

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