

Converting Colors

HunterLab(30.9243, -21.4471,
15.0283)

Have a look what the booklet for
HunterLab(30.9243, -21.4471,
15.0283) contains.

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Color

**HunterLab(30.7932,
-21.2678, 14.9066)**

Conversions

Conversions Part 1

Format	Color
Hex	266327
RGB	38, 99, 39
RGB Percent	15%, 39%, 15%
CMY	0.8510, 0.6118, 0.8471
CMYK	0.62, 0.00, 0.61, 0.61
HSL	121°, 45%, 27%
HSV	121°, 62%, 39%
XYZ	5.6274, 9.4822, 3.4531
YIQ	73.9210, -17.0960, -31.5920

Conversions

Conversions Part 2

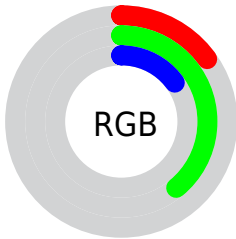
Format	Color
R_{YB}	38, 98, 99
Decimal	2515751
CIE _{Lab}	36.90, -33.13, 27.89
CIE _{LCh}	37, 43.307, 139.901
Yxy	9.4826, 0.3032, 0.5108
Android (android.graphics.Color)	4280705831 (0xFF266327)
YUV	73.9210, -17.2161, -31.5027
Hunter-Lab	30.7932, -21.2678, 14.9066

Details

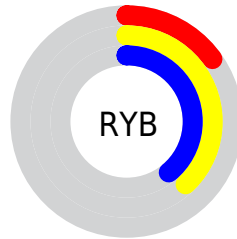
The HunterLab color $[30.7932, -21.2678, 14.9066]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[22.1830, 25.9039, -16.7626]$, and the grayscale version is $[26.2045, -1.3982, 1.4237]$.

A 20% lighter version of the original color is $[49.6571, -26.5006, 19.6225]$, and $[15.3872, -13.1945, 9.2505]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.4341, -22.9446, 16.0537]$, and if you desaturate by 10%, it is $[31.2563, -19.1477, 13.4675]$.

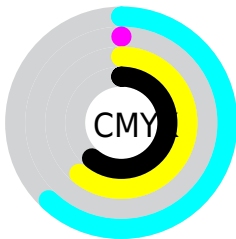
Distribution



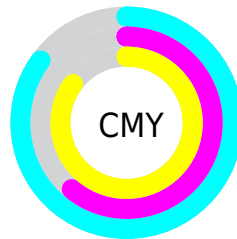
- Red (15%)
- Green (39%)
- Blue (15%)



- Red (15%)
- Yellow (38%)
- Blue (39%)



- Cyan (62%)
- Magenta (0%)
- Yellow (61%)
- Black (61%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.7932, -21.2678, 14.9066 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 30.7932, -21.2678, 14.9066 by changing the saturation by 10% instead.

■ 30.7932, -21.2678,
14.9066

■ 30.7932, -21.2678,
14.9066

136.7254,
-42.7535, 34.1567

■ 22.4884, -18.2533,
12.2341

■ 49.8174, -26.6738,
19.7241

■ 15.1027, -14.8961,
10.2320

■ 60.4121, -29.1724,
21.9566

■ 8.7383, -15.2920,
6.1168

■ 71.6668, -31.5775,
24.1085

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.5448, -33.9093,
26.1979

0.0000, NaN, NaN

■ 96.0149, -36.1827,
28.2383

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.0503,

-38.4090, 30.2398

0.0000, NaN, NaN

122.6274,
-40.5969, 32.2106

30.7932, -21.2678,
14.9066

30.7932, -21.2678,
14.9066

30.4341, -22.9446,
16.0537

31.2563, -19.1477,
13.4675

30.1719, -24.1827,
16.9109

31.8245, -16.5917,
11.7429

29.9984, -25.0095,
17.4915

32.4996, -13.6215,
9.7479

29.8791, -25.5788,
17.8710

33.2811, -10.2676,
7.5034

34.1671, -6.5667,
5.0342

■ 35.1548, -2.5588,
2.3671

■ 36.2403, 1.7152,
-0.4705

■ 37.4193, 6.2157,
-3.4525

■ 38.6870, 10.9056,
-6.5542

Harmonies

Analogous

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



30.7938, -11.1370, 18.1846



30.7932, -21.2678, 14.9066



30.7938, -25.8144, 6.2401

Triad

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



30.7938, -21.2683, 14.9068



30.7938, -6.6931, -41.2693



30.7938, 31.6444, 9.8416

Complementary

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



30.7932, -21.2678, 14.9066



22.1830, 25.9039, -16.7626

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.



30.7938, 33.4861, -3.7148



30.7932, -21.2678, 14.9066



30.7938, 9.1579, -38.6108

Square

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



30.7938, -21.2683, 14.9068



30.7938, -18.5697, -28.8069



30.7938, 24.5959, -22.7127



30.7938, 19.9722, 16.4228

Rectangle

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



30.7932, -21.2678, 14.9066



30.7938, -25.8262, -3.6014



30.7938, 24.5959, -22.7127



30.7938, 33.5114, 6.1587

Sweetspot

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



30.7938, -21.2683, 14.9068



43.9349, -11.9899, 8.8537



34.2297, -7.9751, 17.7763



21.3066, -6.3229, 4.6353



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



30.7938, -21.2683, 14.9068



39.6908, -30.8498, 21.5768



31.2404, -18.5591, 8.3933



16.9031, -2.6944, 2.1188



34.1124, -29.2092, 20.4167



78.8367, -67.5635, 47.3111

Inverse Universe

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



22.1830, 25.9039, -16.7626



26.7426, 40.8922, -26.5310



21.1246, 21.3162, -2.1852



16.2109, 1.0029, -0.3679



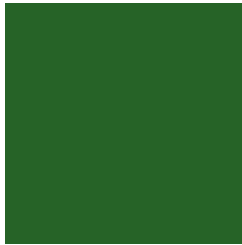
21.4278, 41.9860, -27.1631



49.5130, 96.9961, -62.6063

Previews

White Background



This preview shows how the HunterLab color 30.7932, -21.2678, 14.9066 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

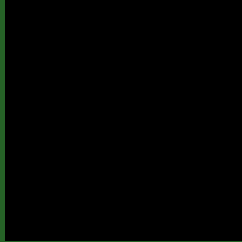
Any Text WCAG AA × Fail

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 30.7932, -21.2678, 14.9066 Background



This preview shows how black text looks on a background with the HunterLab color 30.7932, -21.2678, 14.9066.



This preview shows how white text looks on a background with the HunterLab color 30.7932,

-21.2678, 14.9066.

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

30.7932, -21.2678, 14.9066

Protanopia

30.6994, -4.0951, 15.7742

Deuteranopia

30.4641, 1.8582, 14.1668



Tritanopia

30.8313, -9.4746, -4.3532

Trichromacy



Original Color

30.7932, -21.2678, 14.9066

Protanomaly

30.1752, -11.6280, 15.1107

Deuteranomaly

29.8261, -8.5015, 13.8755

Tritanomaly

30.5988, -14.5430, 4.6341

Monochromacy



Original Color

30.7932, -21.2678, 14.9066

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

27.4145, -9.8198, 7.1726

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.7932, -21.2678, 14.9066 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(38, 99, 39)` looks like.

```
.text, #text, p{  
    color:rgb(38, 99, 39)  
}
```

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(38, 99, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 99, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 30.7932, -21.2678, 14.9066 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(38, 99, 39) }
```


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

```
.border{ border-color:rgb(38, 99, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 99, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 99, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 99, 39);  
box-shadow:4px 4px 4px 4px rgb(38, 99, 39)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.7932, -21.2678, 14.9066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 99, 39) }
```

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

```
.background{ background-color: rgb(38, 99,  
39) }
```

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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