

Converting Colors

HunterLab(28.3917, -21.9140,
14.5462)

Have a look what the booklet for
HunterLab(28.3917, -21.9140,
14.5462) contains.

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Color

**HunterLab(28.3917,
-21.9140, 14.5462)**

Conversions

Conversions Part 1

Format	Color
Hex	135D1E
RGB	19, 93, 30
RGB Percent	7%, 36%, 12%
CMY	0.9255, 0.6353, 0.8823
CMYK	0.80, 0.00, 0.68, 0.64
HSL	129°, 66%, 22%
HSV	129°, 80%, 36%
XYZ	4.4173, 8.0609, 2.5514
YIQ	63.6920, -23.8810, -35.2810

Conversions

Conversions Part 2

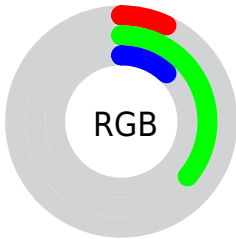
Format	Color
R_{YB}	19, 83, 93
Decimal	1269022
CIE _{Lab}	34.11, -36.22, 29.16
CIE _{LCh}	34, 46.504, 141.162
Yxy	8.0612, 0.2939, 0.5363
Android (android.graphics.Color)	4279459102 (0xFF135D1E)
YUV	63.6920, -16.6102, -39.1949
Hunter-Lab	28.3917, -21.9140, 14.5462

Details

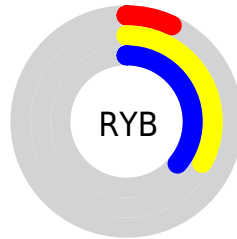
The HunterLab color $[28.3917, -21.9140, 14.5462]$ is a dark color, and the websafe version is hex 006633 . A complement of this color would be $[18.4451, 28.4009, -13.7969]$, and the grayscale version is $[22.5980, -1.2058, 1.2278]$.

A 20% lighter version of the original color is $[46.9242, -27.7456, 19.5573]$, and $[13.9785, -11.9866, 8.4037]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.1955, -22.8695, 15.3685]$, and if you desaturate by 10%, it is $[28.6698, -20.5970, 13.5275]$.

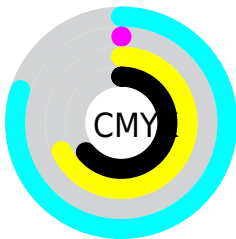
Distribution



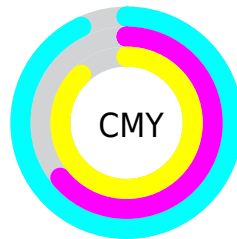
- Red (7%)
- Green (36%)
- Blue (12%)



- Red (7%)
- Yellow (33%)
- Blue (36%)



- Cyan (80%)
- Magenta (0%)
- Yellow (68%)
- Black (64%)



- Cyan (93%)
- Magenta (64%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.3917, -21.9140, 14.5462 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 28.3917, -21.9140, 14.5462 by changing the saturation by 10% instead.

■ 28.3917, -21.9140,
14.5462

■ 28.3917, -21.9140,
14.5462

132.7446,
-45.2324, 34.6667

■ 20.3326, -18.5429,
11.7038

■ 46.9876, -27.8772,
19.6419

■ 13.2245, -15.0384,
9.2572

■ 57.3910, -30.6058,
21.9862

■ 6.7454, -11.8045,
4.7218

■ 68.4657, -33.2191,
24.2374

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.1733, -35.7418,
26.4163

0.0000, NaN, NaN

■ 92.4812, -38.1923,
28.5382

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 105.3615,


-40.5842, 30.6149


0.0000, NaN, NaN


 118.7898,
-42.9281, 32.6554


 28.3917, -21.9140,
14.5462


 28.3917, -21.9140,
14.5462


 28.1955, -22.8695,
15.3685


 28.6698, -20.5970,
13.5275


 28.0424, -23.6133,
15.9752

 29.0336, -18.9058,
12.3154

 28.0361, -23.6433,
15.9963

 29.4874, -16.8419,
10.9184

 30.0330, -14.4173,
9.3495

 30.6709, -11.6525,
7.6250

■ 31.4005, -8.5745,
5.7634

■ 32.2199, -5.2144,
3.7841

■ 33.1264, -1.6054,
1.7064

■ 34.1170, 2.2194,
-0.4509

Harmonies

Analogous

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



28.3923, -11.8981, 17.6104



28.3917, -21.9140, 14.5462



28.3923, -26.1838, 5.7273

Triad

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



28.3923, -21.9144, 14.5463



28.3923, -6.1406, -46.0137



28.3923, 33.7150, 10.2885

Complementary

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



28.3917, -21.9140, 14.5462



18.4451, 28.4009, -13.7969

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.



28.3923, 36.2325, -3.3886



28.3917, -21.9140, 14.5462



28.3923, 10.6112, -42.2296

Square

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



28.3923, -21.9144, 14.5463



28.3923, -18.5127, -32.5252



28.3923, 27.0101, -23.9865



28.3923, 20.7489, 16.2847

Rectangle

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



28.3917, -21.9140, 14.5462



28.3923, -26.0478, -4.8017



28.3923, 27.0101, -23.9865



28.3923, 35.9107, 6.6987

Sweetspot

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



28.3923, -21.9144, 14.5463



40.5687, -13.3413, 8.8157



31.1788, -10.9882, 17.8483



20.1997, -7.1629, 4.7073



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



28.3923, -21.9144, 14.5463



36.7384, -30.6347, 20.8004



28.9124, -18.7239, 6.9600



16.0969, -2.4681, 1.8101



33.3389, -28.1778, 19.1571



77.9603, -66.2883, 45.6539

Inverse Universe

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



18.4451, 28.4009, -13.7969



22.5614, 41.4889, -19.0404



17.2955, 23.8446, 2.1664



15.4177, 0.8488, -0.1166



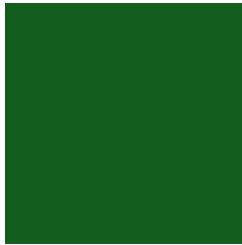
20.2215, 38.5689, -17.4666



47.2119, 89.8733, -39.4252

Previews

White Background



This preview shows how the HunterLab color 28.3917, -21.9140, 14.5462 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

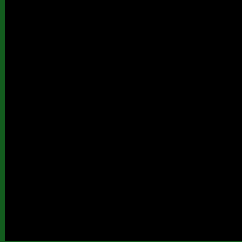
Any Text WCAG AA × Fail

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 28.3917, -21.9140, 14.5462 Background



This preview shows how black text looks on a background with the HunterLab color 28.3917, -21.9140, 14.5462.



This preview shows how white text looks on a background with the HunterLab color 28.3917,

-21.9140, 14.5462.

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

28.3917, -21.9140, 14.5462

Protanopia

28.2668, -3.4763, 15.1821

Deuteranopia

28.1938, 1.6171, 13.8912



Tritanopia

28.4534, -10.0010, -4.7086

Trichromacy



Original Color

28.3917, -21.9140, 14.5462

Protanomaly

27.6963, -12.5545, 14.4947

Deuteranomaly

27.2987, -9.6397, 13.3657

Tritanomaly

28.1479, -15.4147, 4.5181

Monochromacy



Original Color

28.3917, -21.9140, 14.5462

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

24.3073, -10.5583, 6.8688

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.3917, -21.9140, 14.5462 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(19, 93, 30)` looks like.

```
.text, #text, p{  
    color:rgb(19, 93, 30)  
}
```

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(19, 93, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 93, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 28.3917, -21.9140, 14.5462 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(19, 93, 30) }
```


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

```
.border{ border-color:rgb(19, 93, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 93, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 93, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 93, 30);  
box-shadow:4px 4px 4px 4px rgb(19, 93, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.3917, -21.9140, 14.5462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 93, 30) }
```

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

```
.background{ background-color: rgb(19, 93,  
30) }
```

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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