

Converting Colors

HunterLab(28.1401, -22.4540,
16.3727)

Have a look what the booklet for
HunterLab(28.1401, -22.4540,
16.3727) contains.

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Color

**HunterLab(28.2982,
-22.5689, 16.5006)**

Conversions

Conversions Part 1

Format	Color
Hex	155D09
RGB	21, 93, 9
RGB Percent	8%, 36%, 4%
CMY	0.9176, 0.6353, 0.9647
CMYK	0.77, 0.00, 0.90, 0.64
HSL	111°, 82%, 20%
HSV	111°, 90%, 36%
XYZ	4.2729, 8.0079, 1.5789
YIQ	61.8960, -15.9480, -41.3880

Conversions

Conversions Part 2

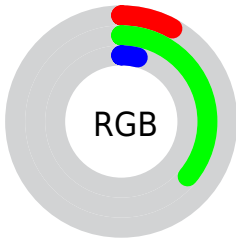
Format	Color
RYB	9, 93, 81
Decimal	1400073
CIELab	34.00, -37.73, 37.43
CIELCh	34, 53.148, 135.224
Yxy	8.0082, 0.3083, 0.5778
Android (android.graphics.Color)	4279590153 (0xFF155D09)
YUV	61.8960, -26.0777, -35.8658
Hunter-Lab	28.2982, -22.5689, 16.5006

Details

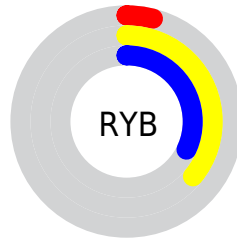
The HunterLab color $[28.2982, -22.5689, 16.5006]$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $[16.5391, 30.0648, -26.4082]$, and the grayscale version is $[22.0042, -1.1741, 1.1955]$.

A 20% lighter version of the original color is $[46.8008, -28.6671, 22.7435]$, and $[13.9785, -11.9866, 8.4037]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.1368, -23.3260, 16.9294]$, and if you desaturate by 10%, it is $[28.5211, -21.5475, 15.9803]$.

Distribution



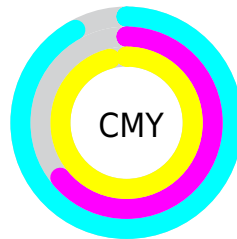
- Red (8%)
- Green (36%)
- Blue (4%)



- Red (4%)
- Yellow (36%)
- Blue (32%)



- Cyan (77%)
- Magenta (0%)
- Yellow (90%)
- Black (64%)



- Cyan (92%)
- Magenta (64%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.2982, -22.5689, 16.5006 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 28.2982, -22.5689, 16.5006 by changing the saturation by 10% instead.

■ 28.2982, -22.5689,
16.5006

■ 28.2982, -22.5689,
16.5006

■ 132.5882,
-46.6903, 41.1834

■ 20.2490, -19.0588,
13.3666

■ 46.8770, -28.7627,
22.8797

■ 13.1521, -15.5228,
9.2065

■ 57.2727, -31.5905,
25.7899

■ 6.6545, -11.6454,
4.6581

■ 68.3403, -34.2953,
28.5660

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.0411, -36.9033,
31.2348

0.0000, NaN, NaN

■ 92.3426, -39.4339,
33.8167

0.0000, NaN, NaN

■ 105.2167,

0.0000, NaN, NaN

-41.9015, 36.3276

0.0000, NaN, NaN

■ 118.6391,
-44.3174, 38.7799

■ 28.2982, -22.5689,
16.5006

■ 28.2982, -22.5689,
16.5006

■ 28.1368, -23.3260,
16.9294

■ 28.5211, -21.5475,
15.9803

■ 28.8154, -20.1950,
15.1926

■ 29.1857, -18.5041,
14.1203

■ 29.6341, -16.4774,
12.7579

■ 30.1620, -14.1256,
11.1078

■ 30.7694, -11.4660,
9.1794

■ 31.4556, -8.5210,
6.9870

■ 32.2191, -5.3160,
4.5489

■ 33.0579, -1.8781,
1.8857

Harmonies

Analogous

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



28.2988, -10.2478, 18.7343



28.2982, -22.5689, 16.5006



28.2988, -28.3178, 8.8739

Triad

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



28.2988, -22.5693, 16.5007



28.2988, -10.0125, -54.4775



28.2988, 41.5638, 9.0542

Complementary

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



28.2982, -22.5689, 16.5006



16.5391, 30.0648, -26.4082

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.



28.2988, 41.6741, -8.5031



28.2982, -22.5689, 16.5006



28.2988, 8.4329, -54.3033

Square

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



28.2988, -22.5693, 16.5007



28.2988, -22.4354, -34.4737



28.2988, 28.3742, -34.0882



28.2988, 28.1032, 16.5602

Rectangle

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



28.2982, -22.5689, 16.5006



28.2988, -28.9079, -1.7121



28.2988, 28.3742, -34.0882



28.2988, 43.2584, 4.4474

Sweetspot

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



28.2988, -22.5693, 16.5007



40.4650, -14.0692, 11.3219



28.5367, -3.2639, 16.9898



20.1692, -7.4444, 5.9640



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.



28.2988, -22.5693, 16.5007



36.7656, -30.6860, 22.1176



28.3368, -21.9757, 13.1676



16.1244, -2.3999, 2.0753



33.4420, -27.8528, 20.1192



78.0981, -65.8574, 46.9707

Inverse Universe

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



16.5391, 30.0648, -26.4082



20.5434, 41.7642, -37.7563



16.9953, 28.3004, -5.7477



15.3861, 0.7767, -0.4261



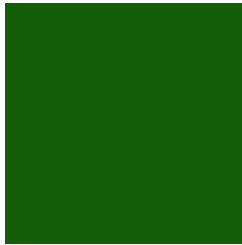
18.7013, 38.0055, -34.2637



43.4274, 88.4702, -81.2346

Previews

White Background



This preview shows how the HunterLab color 28.2982, -22.5689, 16.5006 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

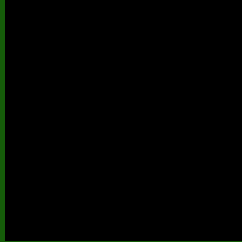
Any Text WCAG AA × Fail

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 28.2982, -22.5689, 16.5006 Background



This preview shows how black text looks on a background with the HunterLab color 28.2982, -22.5689, 16.5006.



This preview shows how white text looks on a background with the HunterLab color 28.2982,

-22.5689, 16.5006.

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

28.2982, -22.5689, 16.5006

Protanopia

28.1265, -4.2568, 17.2569

Deuteranopia

28.1711, 1.2943, 15.7841



Tritanopia

28.2126, -9.5131, -4.5456

Trichromacy



Original Color

28.2982, -22.5689, 16.5006

Protanomaly

27.6177, -13.1393, 16.6029

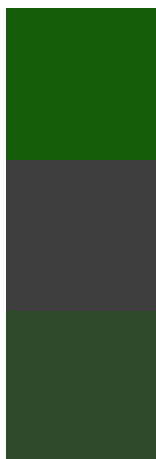
Deuteranomaly

27.2299, -10.1755, 15.4461

Tritanomaly

28.0176, -16.3158, 7.3344

Monochromacy



Original Color

28.2982, -22.5689, 16.5006

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

23.5454, -10.9491, 8.5617

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.2982, -22.5689, 16.5006 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(21, 93, 9)` looks like.

```
.text, #text, p{  
    color:rgb(21, 93, 9)  
}
```

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(21, 93, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 93, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 28.2982, -22.5689, 16.5006 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(21, 93, 9) }
```


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

```
.border{ border-color:rgb(21, 93, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 93, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 93, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(21, 93, 9); box-shadow:4px  
4px 4px 4px rgb(21, 93, 9) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.2982, -22.5689, 16.5006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 93, 9) }
```

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

```
.background{ background-color: rgb(21, 93,  
9) }
```

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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