

Converting Colors

HunterLab(51.6090, -36.7215,
21.6263)

Have a look what the booklet for
HunterLab(51.6090, -36.7215,
21.6263) contains.

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Color

**HunterLab(51.7283,
-36.8175, 21.6166)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 30A154 |
| RGB | 48, 161, 84 |
| RGB Percent | 19%, 63%, 33% |
| CMY | 0.8118, 0.3686, 0.6706 |
| CMYK | 0.70, 0.00, 0.48, 0.37 |
| HSL | 139°, 54%, 41% |
| HSV | 139°, 70%, 63% |
| XYZ | 15.5640, 26.7582, 12.7320 |
| YIQ | 118.4350, -42.6310, -47.9030 |

Conversions

Conversions Part 2

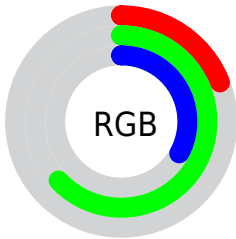
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 48, 134, 161 |
| Decimal | 3187028 |
| CIE _{Lab} | 58.75, -48.65, 31.08 |
| CIE _{LCh} | 59, 57.731, 147.430 |
| Yxy | 26.7593, 0.2827, 0.4860 |
| Android (android.graphics.Color) | 4281377108 (0xFF30A154) |
| YUV | 118.4350, -16.9765, -61.7715 |
| Hunter-Lab | 51.7283, -36.8175, 21.6166 |

Details

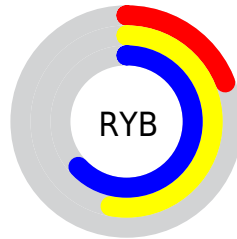
The HunterLab color $51.7283, -36.8175, 21.6166$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $33.4247, 45.4160, -13.0261$, and the grayscale version is $42.8081, -2.2841, 2.3258$.

A 20% lighter version of the original color is $73.9095, -43.6227, 26.3913$, and $32.9431, -26.8684, 16.8251$ is the 20% darker color. If you saturate the color by 10%, you get $51.2618, -39.0724, 23.6065$, and if you desaturate by 10%, it is $52.3544, -33.8959, 19.4137$.

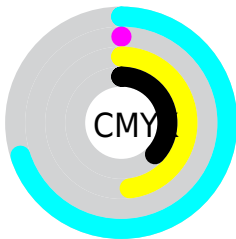
Distribution



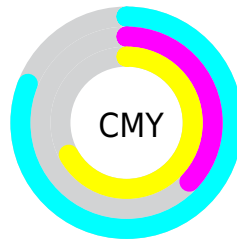
- Red (19%)
- Green (63%)
- Blue (33%)



- Red (19%)
- Yellow (53%)
- Blue (63%)



- Cyan (70%)
- Magenta (0%)
- Yellow (48%)
- Black (37%)



- Cyan (81%)
- Magenta (37%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7283, -36.8175, 21.6166 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 51.7283, -36.8175, 21.6166 by changing the saturation by 10% instead.

■ 51.7283, -36.8175,
21.6166

■ 51.7283, -36.8175,
21.6166

169.2600,
-64.1106, 41.2978

■ 41.7043, -33.1537,
19.0762

■ 73.8223, -43.5824,
26.3711

■ 32.4264, -29.2241,
16.3807

■ 85.8122, -46.7569,
28.6304

■ 23.9615, -24.9343,
13.4783

■ 98.3891, -49.8265,
30.8322

■ 16.3969, -20.1450,
11.1616

■ 111.5265,
-52.8092, 32.9877

■ 9.8559, -17.2479,
6.8992

■ 125.2017,
-55.7188, 35.1056

0.0000, NaN, NaN

0.0000, NaN, NaN

139.3942,

-58.5665, 37.1931

0.0000, NaN, NaN

154.0858,
-61.3613, 39.2556

0.0000, NaN, NaN

■ 51.7283, -36.8175,
21.6166

■ 51.7283, -36.8175,
21.6166

■ 51.2618, -39.0724,
23.6065

■ 52.3544, -33.8959,
19.4137

■ 50.9388, -40.6909,
25.3612

■ 53.1455, -30.3000,
17.0224

■ 50.7271, -41.7981,
26.8256

■ 54.1076, -26.0464,
14.4720

■ 55.2426, -21.1692,
11.7936

■ 56.5499, -15.7158,
9.0185

■ 58.0267, -9.7422,
6.1771

■ 59.6683, -3.3091,
3.2974

■ 61.4691, 3.5218,
0.4043

■ 63.4221, 10.6907,
-2.4811

Harmonies

Analogous

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



51.7294, -22.7504, 28.9097



51.7283, -36.8175, 21.6166



51.7294, -41.9584, 4.7880

Triad

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



51.7294, -36.8181, 21.6169



51.7294, -4.8615, -65.0696



51.7294, 46.1207, 19.5163

Complementary

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



51.7283, -36.8175, 21.6166



33.4247, 45.4160, -13.0261

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.



51.7294, 53.3039, 0.7627



51.7283, -36.8175, 21.6166



51.7294, 20.8120, -54.9505

Square

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



51.7294, -36.8181, 21.6169



51.7294, -25.7881, -51.0760



51.7294, 43.2984, -27.6366



51.7294, 25.1614, 28.1547

Rectangle

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



51.7283, -36.8175, 21.6166



51.7294, -40.5163, -12.5107



51.7294, 43.2984, -27.6366



51.7294, 50.3790, 14.5350

Sweetspot

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



51.7294, -36.8181, 21.6169



75.4530, -21.9516, 12.5230



54.8458, -25.1333, 30.3327



35.1180, -11.1804, 6.3147



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



51.7294, -36.8181, 21.6169



68.3441, -53.5567, 32.8973



52.9349, -29.5141, 4.1880



28.1611, -4.4420, 2.8643



45.3405, -37.3072, 23.8639



6.6350, -5.0189, 2.5413

Inverse Universe

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



33.4247, 45.4160, -13.0261



41.2162, 69.2339, -16.8319



31.8081, 38.7314, 9.8686



26.7649, 1.6320, 0.1346



26.3691, 48.5772, -9.4674



3.9256, 7.4091, -2.7842

Previews

White Background



This preview shows how the HunterLab color 51.7283, -36.8175, 21.6166 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.7283, -36.8175, 21.6166 looks on a black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.7283, -36.8175, 21.6166 Background



This preview shows how black text looks on a background with the HunterLab color 51.7283, -36.8175, 21.6166.



This preview shows how white text looks on a background with the HunterLab color 51.7283,

-36.8175, 21.6166.

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

51.7283, -36.8175, 21.6166

Protanopia

51.1488, -5.6010, 23.2809

Deuteranopia

51.2255, 3.6574, 20.1733



Tritanopia

51.6068, -18.2618, -8.8707

Trichromacy



Original Color

51.7283, -36.8175, 21.6166

Protanomaly

50.4022, -20.5323, 21.7704

Deuteranomaly

50.0111, -15.4493, 19.6006

Tritanomaly

51.2989, -26.1850, 4.6594

Monochromacy



Original Color

51.7283, -36.8175, 21.6166

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

45.1862, -17.2897, 9.6492

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7283, -36.8175, 21.6166 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(48, 161, 84)` looks like.

```
.text, #text, p{  
    color:rgb(48, 161, 84)  
}
```

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(48, 161, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 161, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7283, -36.8175, 21.6166 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(48, 161, 84) }
```


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

```
.border{ border-color:rgb(48, 161, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 161, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 161, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 161, 84);  
box-shadow:4px 4px 4px 4px rgb(48, 161,  
84) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.7283, -36.8175, 21.6166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 161, 84) }
```

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

```
.background{ background-color: rgb(48, 161,  
84) }
```

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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