

Converting Colors

HunterLab(12.6581, 1.0976,
1.7468)

Have a look what the booklet for
HunterLab(12.6581, 1.0976, 1.7468)
contains.

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Color

**HunterLab(12.5820, 1.2325,
1.6659)**

Conversions

Conversions Part 1

Format	Color
Hex	28201F
RGB	40, 32, 31
RGB Percent	16%, 13%, 12%
CMY	0.8431, 0.8745, 0.8784
CMYK	0.00, 0.20, 0.22, 0.84
HSL	7°, 13%, 14%
HSV	7°, 22%, 16%
XYZ	1.6389, 1.5831, 1.5155
YIQ	34.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

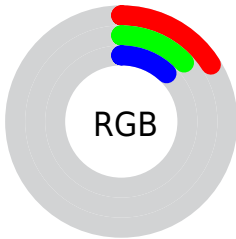
Format	Color
R_YB	40, 32, 31
Decimal	2629663
CIE Lab	13.13, 3.63, 2.11
CIE LCh	13, 4.196, 30.182
Yxy	1.5831, 0.3459, 0.3342
Android (android.graphics.Color)	4280819743 (0xFF28201F)
YUV	34.2780, -1.6161, 5.0182
Hunter-Lab	12.5820, 1.2325, 1.6659

Details

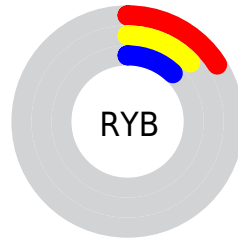
The HunterLab color **12.5820, 1.2325, 1.6659** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.7677, -2.3953, -0.2035**, and the grayscale version is **12.7396, -0.6798, 0.6922**.

A 20% lighter version of the original color is **27.5829, 0.9174, 2.7040**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.7562, 2.1841, 2.0528**, and if you desaturate by 10%, it is **13.4445, 0.3172, 1.2775**.

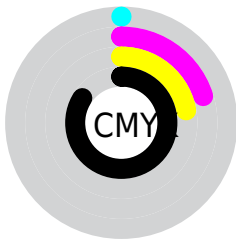
Distribution



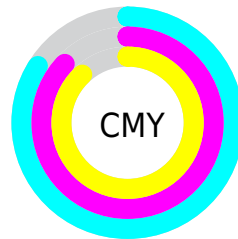
- Red (16%)
- Green (13%)
- Blue (12%)



- Red (16%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (20%)
- Yellow (22%)
- Black (84%)



- Cyan (84%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5820, 1.2325, 1.6659 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 12.5820, 1.2325, 1.6659 by changing the saturation by 10% instead.

■ 12.5820, 1.2325,
1.6659

■ 12.5820, 1.2325,
1.6659

104.0708, -1.7904,
7.7138

■ 5.8838, 2.3719,
1.8064

■ 27.5610, 0.9722,
2.7968

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.3909, 0.7301,
3.4093

0.0000, NaN, NaN

■ 46.0030, 0.4280,
4.0532

0.0000, NaN, NaN

■ 56.3380, 0.0729,
4.7278

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.3485, -0.3301,
5.4321

0.0000, NaN, NaN

■ 78.9954, -0.7770,

0.0000, NaN, NaN

6.1651

■ 91.2456, -1.2647,
6.9259

■ 12.5820, 1.2325,
1.6659

■ 12.5820, 1.2325,
1.6659

■ 11.7562, 2.1841,
2.0528

■ 13.4445, 0.3172,
1.2775

■ 10.9708, 3.1735,
2.4348

■ 14.3387, -0.5625,
0.8886

■ 10.2318, 4.1980,
2.8081

■ 15.2616, -1.4100,
0.5003

■ 9.5454, 5.2508,
3.1665

■ 16.2102, -2.2281,
0.1132

■ 8.9188, 6.3185,
3.5016

■ 17.1823, -3.0201,
-0.2727

■ 8.3565, 7.3638,
3.8519

■ 18.1756, -3.7889,
-0.6572

■ 7.8240, 8.4092,
4.3155

■ 19.1885, -4.5372,
-1.0406

■ 7.4006, 9.3200,
4.7234

■ 20.2194, -5.2676,
-1.4229

■ 21.2670, -5.9821,
-1.8044

Harmonies

Analogous

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



12.5823, 1.5406, 0.6914



12.5820, 1.2325, 1.6659



12.5823, 0.4100, 2.3264

Triad

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



12.5823, 1.2321, 1.6661



12.5823, -2.4757, 1.6558



12.5823, -0.6652, -1.5260

Complementary

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



12.5820, 1.2325, 1.6659



13.7677, -2.3953, -0.2035

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.



12.5823, -1.7187, -1.2127



12.5820, 1.2325, 1.6659



12.5823, -2.7416, 0.6784

Square

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



12.5823, 1.2321, 1.6661



12.5823, -1.7301, 2.3208



12.5823, -2.4693, -0.3823



12.5823, 0.4222, -1.2053

Rectangle

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



12.5820, 1.2325, 1.6659



12.5823, -0.3050, 2.5305



12.5823, -2.4693, -0.3823



12.5823, -1.0349, -1.4910

Sweetspot

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



12.5823, 1.2321, 1.6661



17.3560, -0.1677, 1.3486



12.5629, 2.6375, -1.3125



9.5773, -0.1191, 0.7302



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



12.5823, 1.2321, 1.6661



15.0806, 2.2589, 2.3762



13.5505, -0.4571, 2.6696



8.0604, -0.0480, 0.6420



14.4738, 21.1793, 9.2895



38.1831, 61.1195, 24.5983

Inverse Universe

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



13.7677, -2.3953, -0.2035



16.9488, -3.4703, -0.5732



12.7404, -0.7556, -1.5049



8.3095, -0.8082, 0.2496



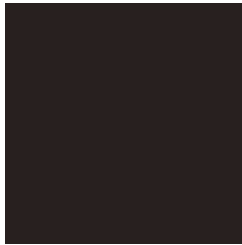
23.7619, -10.7237, -6.5509



63.8353, -28.2537, -18.7970

Previews

White Background



This preview shows how the HunterLab color 12.5820, 1.2325, 1.6659 looks on a white background.

Color Contrast Check

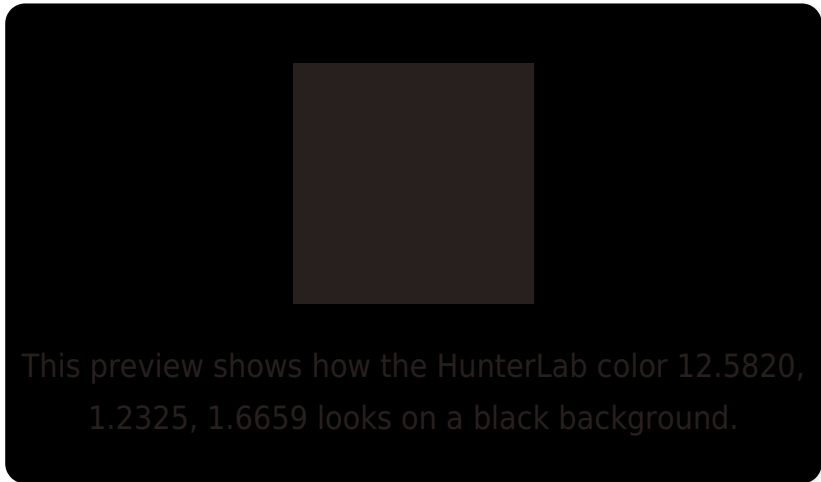
Large Text (above 18pt) WCAG AA ✓ Pass

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

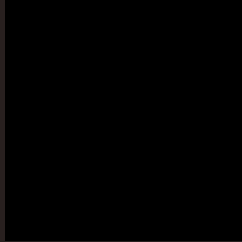
Any Text WCAG AA × Fail

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 12.5820, 1.2325, 1.6659 Background



This preview shows how black text looks on a background with the HunterLab color 12.5820, 1.2325, 1.6659.

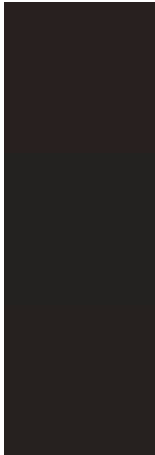


This preview shows how white text looks on a background with the HunterLab color 12.5820, 1.2325,

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

12.5820, 1.2325, 1.6659

Protanopia

12.6715, -0.6805, 1.4023

Deuteranopia

12.6440, 0.3267, 1.7182



Tritanopia

12.6477, 1.5814, 0.7267

Trichromacy



Original Color

12.5820, 1.2325, 1.6659

Protanomaly

12.5909, 0.1884, 1.3270

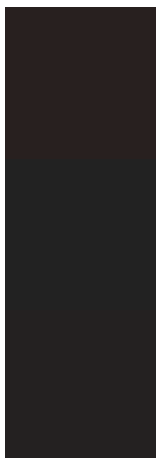
Deuteranomaly

12.7200, 0.5842, 1.8058

Tritanomaly

12.6252, 1.4620, 1.0481

Monochromacy



Original Color

12.5820, 1.2325, 1.6659

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.5403, 0.0594, 0.9255

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5820, 1.2325, 1.6659 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(40, 32, 31)` looks like.

```
.text, #text, p{  
    color:rgb(40, 32, 31)  
}
```

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(40, 32, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 32, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5820, 1.2325, 1.6659 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(40, 32, 31) }
```


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

```
.border{ border-color:rgb(40, 32, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 32, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 32, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 32, 31);  
box-shadow:4px 4px 4px 4px rgb(40, 32, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5820, 1.2325, 1.6659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 32, 31) }
```

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

```
.background{ background-color: rgb(40, 32,  
31) }
```

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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