

Converting Colors

HunterLab(20.2490, -12.8589,
5.0748)

Have a look what the booklet for
HunterLab(20.2490, -12.8589,
5.0748) contains.

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Color

**HunterLab(20.1579,
-12.7397, 4.8961)**

Conversions

Conversions Part 1

Format	Color
Hex	0E412D
RGB	14, 65, 45
RGB Percent	5%, 25%, 18%
CMY	0.9451, 0.7451, 0.8235
CMYK	0.78, 0.00, 0.31, 0.75
HSL	156°, 65%, 15%
HSV	156°, 78%, 25%
XYZ	2.5450, 4.0634, 3.1328
YIQ	47.4710, -23.9760, -17.0320

Conversions

Conversions Part 2

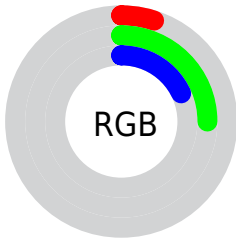
Format	Color
R_{YB}	14, 46, 65
Decimal	934189
CIE _{Lab}	23.88, -22.31, 7.47
CIE _{LCh}	24, 23.530, 161.480
Yxy	4.0636, 0.2613, 0.4171
Android (android.graphics.Color)	4279124269 (0xFF0E412D)
YUV	47.4710, -1.2182, -29.3541
Hunter-Lab	20.1579, -12.7397, 4.8961

Details

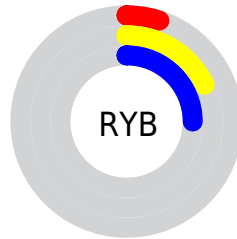
The HunterLab color **20.1579, -12.7397, 4.8961** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12.4639, 15.7944, 0.7569**, and the grayscale version is **17.0263, -0.9085, 0.9251**.

A 20% lighter version of the original color is **36.9534, -16.8098, 6.5962**, and **7.5751, -6.4956, 4.5540** is the 20% darker color. If you saturate the color by 10%, you get **19.9989, -13.4849, 5.4668**, and if you desaturate by 10%, it is **20.3580, -11.8350, 4.3346**.

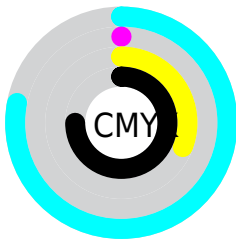
Distribution



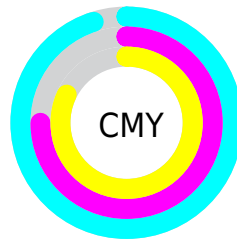
- Red (5%)
- Green (25%)
- Blue (18%)



- Red (5%)
- Yellow (18%)
- Blue (25%)



- Cyan (78%)
- Magenta (0%)
- Yellow (31%)
- Black (75%)



- Cyan (95%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1579, -12.7397, 4.8961 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 20.1579, -12.7397, 4.8961 by changing the saturation by 10% instead.

■ 20.1579, -12.7397,
4.8961

■ 20.1579, -12.7397,
4.8961

■ 118.4756,
-29.4151, 13.8543

■ 13.0736, -10.3437,
3.8777

■ 37.0887, -16.9289,
6.8514

■ 6.5544, -11.4701,
4.5880

■ 46.7570, -18.8517,
7.8212

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.1445, -20.7042,
8.7963

0.0000, NaN, NaN

■ 68.2042, -22.5055,
9.7809

0.0000, NaN, NaN

■ 79.8977, -24.2688,
10.7775

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.1922, -26.0037,

11.7879

0.0000, NaN, NaN

■ 105.0596,
-27.7173, 12.8132

■ 20.1579, -12.7397,
4.8961

■ 20.1579, -12.7397,
4.8961

■ 19.9989, -13.4849,
5.4668

■ 20.3580, -11.8350,
4.3346

■ 19.8488, -14.1931,
6.0117

■ 20.6032, -10.7552,
3.7912

■ 19.8258, -14.3016,
6.0926

■ 20.8955, -9.5021,
3.2724

■ 21.2359, -8.0808,
2.7832

■ 21.6246, -6.4997,
2.3283

■ 22.0614, -4.7697,
1.9113

■ 22.5457, -2.9029,
1.5347

■ 23.0766, -0.9128,
1.2005

■ 23.6527, 1.1872,
0.9096

Harmonies

Analogous

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



20.1583, -9.5611, 8.7595



20.1579, -12.7397, 4.8961



20.1583, -13.0762, -1.7469

Triad

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



20.1583, -12.7399, 4.8963



20.1583, 1.7953, -16.8768



20.1583, 10.5609, 8.0921

Complementary

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



20.1579, -12.7397, 4.8961



12.4639, 15.7944, 0.7569

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.



20.1583, 14.6153, 3.5792



20.1579, -12.7397, 4.8961



20.1583, 9.0945, -11.6971

Square

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



20.1583, -12.7399, 4.8963



20.1583, -5.3465, -16.1258



20.1583, 14.0434, -3.6243



20.1583, 3.5810, 10.0993

Rectangle

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



20.1579, -12.7397, 4.8961



20.1583, -11.7101, -7.2002



20.1583, 14.0434, -3.6243



20.1583, 12.3531, 6.9014

Sweetspot

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



20.1583, -12.7399, 4.8963



28.2443, -7.6795, 2.8284



20.3946, -12.5613, 11.1392



14.7779, -4.2190, 1.5319



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



20.1583, -12.7399, 4.8963



25.7968, -18.2226, 7.7999



19.2261, -8.1512, -3.7186



12.1370, -1.5717, 0.8279



29.7416, -21.7258, 9.7252



74.3744, -55.1893, 26.1763

Inverse Universe

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



12.4639, 15.7944, 0.7569



14.5916, 23.9340, 2.6056



12.7466, 12.6177, 6.1425



11.6003, 0.3376, 0.4806



16.3580, 28.8691, 3.9384



40.7626, 71.5358, 12.9403

Previews

White Background



This preview shows how the HunterLab color 20.1579, -12.7397, 4.8961 looks on a white background.

Color Contrast Check

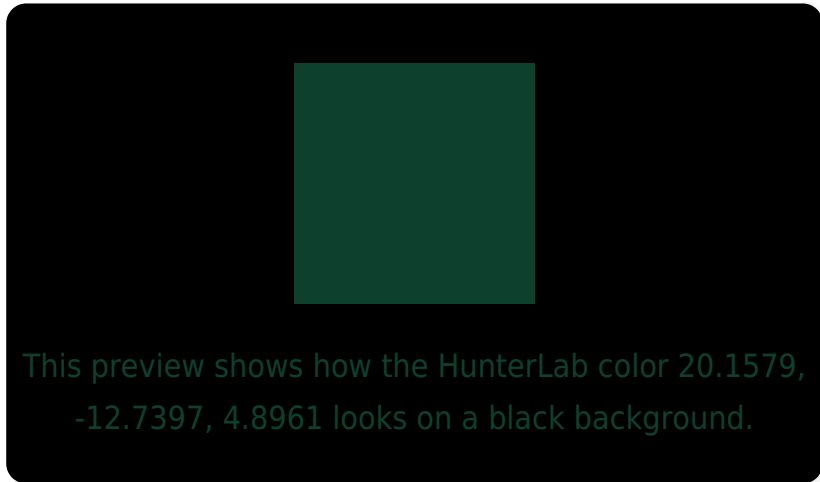
Large Text (above 18pt) WCAG AA ✓ Pass

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

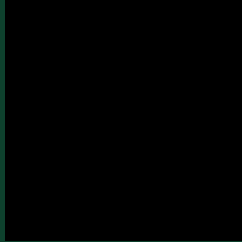
Any Text WCAG AA × Fail

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 20.1579, -12.7397, 4.8961 Background



This preview shows how black text looks on a background with the HunterLab color 20.1579, -12.7397, 4.8961.



This preview shows how white text looks on a background with the HunterLab color 20.1579,

-12.7397, 4.8961.

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

20.1579, -12.7397, 4.8961

Protanopia

20.1952, -1.8618, 6.2527

Deuteranopia

20.2382, 0.9745, 4.6091



Tritanopia

20.1424, -7.4526, -3.3496

Trichromacy



Original Color

20.1579, -12.7397, 4.8961

Protanomaly

19.8352, -7.0619, 5.5511

Deuteranomaly

19.8230, -5.6106, 4.3857

Tritanomaly

20.0754, -9.5584, -0.0170

Monochromacy



Original Color

20.1579, -12.7397, 4.8961

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.8687, -6.2421, 2.3249

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1579, -12.7397, 4.8961 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(14, 65, 45)` looks like.

```
.text, #text, p{  
    color:rgb(14, 65, 45)  
}
```

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(14, 65, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 65, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1579, -12.7397, 4.8961 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(14, 65, 45) }
```


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

```
.border{ border-color:rgb(14, 65, 45) }
```

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

Here you see how a box with a 4 pixel rgb(14, 65, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 65, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 65, 45);  
box-shadow:4px 4px 4px 4px rgb(14, 65, 45)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.1579, -12.7397, 4.8961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 65, 45) }
```

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

```
.background{ background-color: rgb(14, 65,  
45) }
```

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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