

Converting Colors

HunterLab(20.6041, -8.1505,
0.7603)

Have a look what the booklet for
HunterLab(20.6041, -8.1505, 0.7603)
contains.

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Color

**HunterLab(20.4795, -7.9992,
0.5004)**

Conversions

Conversions Part 1

Format	Color
Hex	213F3B
RGB	33, 63, 59
RGB Percent	13%, 25%, 23%
CMY	0.8706, 0.7529, 0.7686
CMYK	0.48, 0.00, 0.06, 0.75
HSL	172°, 31%, 19%
HSV	172°, 48%, 25%
XYZ	3.1941, 4.1941, 4.7789
YIQ	53.5740, -16.5960, -7.6040

Conversions

Conversions Part 2

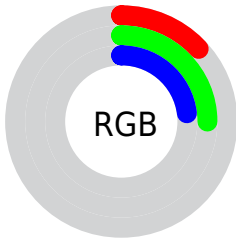
Format	Color
R_{YB}	33, 49, 63
Decimal	2178875
CIE Lab	24.30, -12.37, -1.06
CIE LCh	24, 12.414, 184.897
Yxy	4.1943, 0.2625, 0.3447
Android (android.graphics.Color)	4280368955 (0xFF213F3B)
YUV	53.5740, 2.6750, -18.0434
Hunter-Lab	20.4795, -7.9992, 0.5004

Details

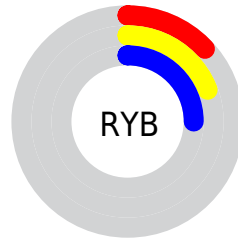
The HunterLab color **20.4795, -7.9992, 0.5004** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15.0935, 8.2115, 2.5685**, and the grayscale version is **19.0580, -1.0169, 1.0355**.

A 20% lighter version of the original color is **37.5699, -10.6614, 1.4449**, and **7.5746, -4.7320, 0.7474** is the 20% darker color. If you saturate the color by 10%, you get **20.2268, -9.0147, 0.5092**, and if you desaturate by 10%, it is **20.7773, -6.8315, 0.5471**.

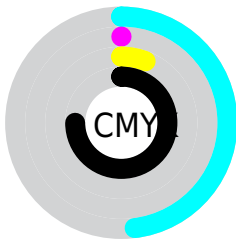
Distribution



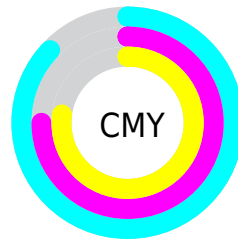
- Red (13%)
- Green (25%)
- Blue (23%)



- Red (13%)
- Yellow (19%)
- Blue (25%)



- Cyan (48%)
- Magenta (0%)
- Yellow (6%)
- Black (75%)



- Cyan (87%)
- Magenta (75%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.4795, -7.9992, 0.5004 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 20.4795, -7.9992, 0.5004 by changing the saturation by 10% instead.

■ 20.4795, -7.9992,
0.5004

■ 20.4795, -7.9992,
0.5004

■ 119.0549,
-19.4113, 5.3878

■ 13.3522, -6.5582,
0.1916

■ 37.4824, -10.6548,
1.2929

■ 6.9024, -8.1769,
-0.2606

■ 47.1823, -11.9272,
1.7624

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.5990, -13.1822,
2.2750

0.0000, NaN, NaN

■ 68.6863, -14.4281,
2.8273

0.0000, NaN, NaN

■ 80.4058, -15.6705,
3.4167

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.7251, -16.9134,

105.6162,
-18.1596, 4.6987

20.4795, -7.9992,
0.5004

20.4795, -7.9992,
0.5004

20.2268, -9.0147,
0.5092

20.7773, -6.8315,
0.5471

20.0168, -9.8747,
0.5713

21.1193, -5.5164,
0.6490

19.8483, -10.5802,
0.6844

21.5062, -4.0619,
0.8058

19.7167, -11.1448,
0.8419

21.9374, -2.4775,
1.0162

19.5927, -11.6827,
1.0067

22.4124, -0.7737,
1.2783

■ 19.5631, -11.8115,
1.0455

■ 22.9301, 1.0382,
1.5898

■ 23.4892, 2.9469,
1.9476

■ 24.0885, 4.9412,
2.3489

■ 24.7263, 7.0103,
2.7905

Harmonies

Analogous

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



20.4799, -7.4118, 3.8988



20.4795, -7.9992, 0.5004



20.4799, -6.8520, -3.3673

Triad

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



20.4799, -7.9994, 0.5007



20.4799, 3.3441, -5.5898



20.4799, 2.1630, 6.5491

Complementary

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



20.4795, -7.9992, 0.5004



15.0935, 8.2115, 2.5685

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.



20.4799, 5.3804, 4.7683



20.4795, -7.9992, 0.5004



20.4799, 6.0970, -2.1249

Square

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



20.4799, -7.9994, 0.5007



20.4799, -0.4542, -7.2761



20.4799, 6.8685, 1.7104



20.4799, -1.7258, 6.9925

Rectangle

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



20.4795, -7.9992, 0.5004



20.4799, -5.2036, -5.5706



20.4799, 6.8685, 1.7104



20.4799, 3.3679, 6.1057

Sweetspot

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



20.4799, -7.9994, 0.5007



28.0418, -4.6640, 1.1195



20.1683, -10.2197, 8.0187



14.3604, -2.4815, 0.5629



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



20.4799, -7.9994, 0.5007



26.1663, -11.9075, 0.6698



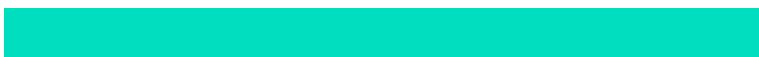
17.8415, -3.4601, -4.6949



11.3770, -1.3521, 0.5185



29.4508, -17.9121, 1.8563



74.8201, -45.9430, 5.6592

Inverse Universe

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



15.0935, 8.2115, 2.5685



17.7351, 13.7916, 4.0673



17.1202, 3.4736, 5.6271



10.8516, 0.1977, 0.7055



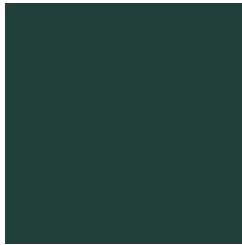
15.5763, 26.8546, 8.6721



39.4937, 67.8662, 23.7215

Previews

White Background



This preview shows how the HunterLab color 20.4795, -7.9992, 0.5004 looks on a white background.

Color Contrast Check

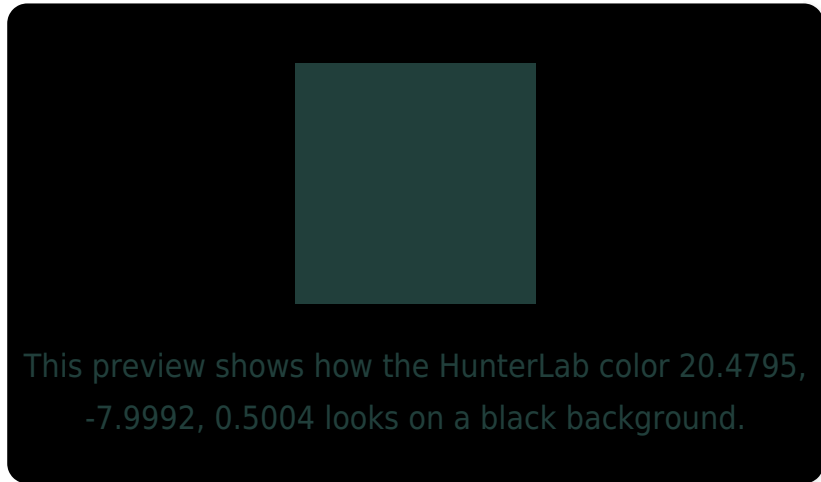
Large Text (above 18pt) WCAG AA ✓ Pass

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

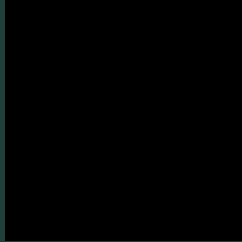
Any Text WCAG AA × Fail

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 20.4795, -7.9992, 0.5004 Background



This preview shows how black text looks on a background with the HunterLab color 20.4795, -7.9992, 0.5004.



This preview shows how white text looks on a background with the HunterLab color 20.4795, -7.9992,

0.5004.

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

20.4795, -7.9992, 0.5004

Protanopia

20.3509, -0.7000, 1.6278

Deuteranopia

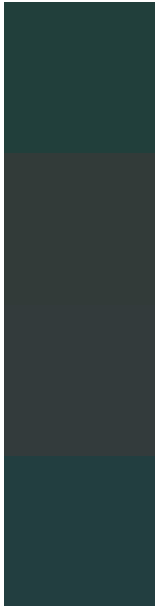
20.4680, 1.1845, -0.1556



Tritanopia

20.5130, -6.0602, -2.8145

Trichromacy



Original Color

20.4795, -7.9992, 0.5004

Protanomaly

20.2520, -3.5533, 1.0845

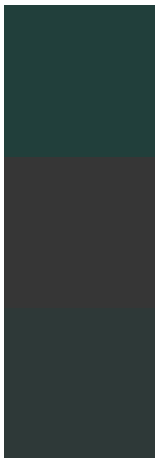
Deuteranomaly

20.3911, -2.9031, 0.0840

Tritanomaly

20.3850, -6.7100, -1.6640

Monochromacy



Original Color

20.4795, -7.9992, 0.5004

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.4747, -3.8002, 0.5431

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.4795, -7.9992, 0.5004 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(33, 63, 59)` looks like.

```
.text, #text, p{  
    color:rgb(33, 63, 59)  
}
```

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(33, 63, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 63, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 20.4795, -7.9992, 0.5004 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(33, 63, 59) }
```


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

```
.border{ border-color:rgb(33, 63, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 63, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 63, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 63, 59);  
box-shadow:4px 4px 4px 4px rgb(33, 63, 59)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.4795, -7.9992, 0.5004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 63, 59) }
```

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

```
.background{ background-color: rgb(33, 63,  
59) }
```

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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