

Converting Colors

HunterLab(20.4584, -6.2500,
0.4326)

Have a look what the booklet for
HunterLab(20.4584, -6.2500, 0.4326)
contains.

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Color

**HunterLab(20.5235, -6.4572,
0.5802)**

Conversions

Conversions Part 1

Format	Color
Hex	283E3B
RGB	40, 62, 59
RGB Percent	16%, 24%, 23%
CMY	0.8431, 0.7569, 0.7686
CMYK	0.35, 0.00, 0.05, 0.76
HSL	172°, 22%, 20%
HSV	172°, 35%, 24%
XYZ	3.3871, 4.2121, 4.7722
YIQ	55.0800, -12.1490, -5.5970

Conversions

Conversions Part 2

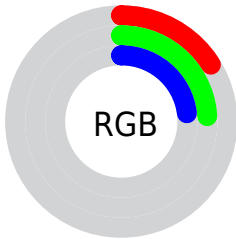
Format	Color
RYB	40, 52, 62
Decimal	2637371
CIELab	24.36, -9.43, -0.93
CIElCh	24, 9.476, 185.615
Yxy	4.2123, 0.2738, 0.3405
Android (android.graphics.Color)	4280827451 (0xFF283E3B)
YUV	55.0800, 1.9326, -13.2252
Hunter-Lab	20.5235, -6.4572, 0.5802

Details

The HunterLab color **20.5235, -6.4572, 0.5802** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.4811, 5.6168, 2.0313**, and the grayscale version is **19.5701, -1.0442, 1.0633**.

A 20% lighter version of the original color is **37.6443, -8.9043, 1.5640**, and **7.3330, -4.4667, 0.4768** is the 20% darker color. If you saturate the color by 10%, you get **20.2217, -7.6398, 0.5294**, and if you desaturate by 10%, it is **20.8699, -5.1326, 0.6857**.

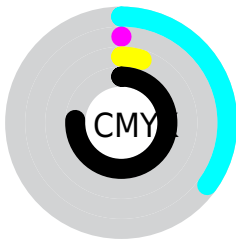
Distribution



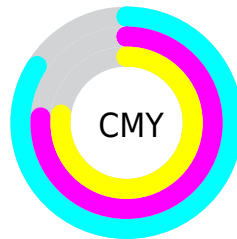
- Red (16%)
- Green (24%)
- Blue (23%)



- Red (16%)
- Yellow (20%)
- Blue (24%)



- Cyan (35%)
- Magenta (0%)
- Yellow (5%)
- Black (76%)



- Cyan (84%)
- Magenta (76%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5235, -6.4572, 0.5802 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 20.5235, -6.4572, 0.5802 by changing the saturation by 10% instead.

■ 20.5235, -6.4572,
0.5802

■ 20.5235, -6.4572,
0.5802

■ 119.1340,
-16.3701, 5.5291

■ 13.3904, -5.2811,
0.2614

■ 37.5362, -8.6819,
1.3898

■ 6.9485, -6.2852,
-0.1749

■ 47.2404, -9.7697,
1.8668

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.6611, -10.8545,
2.3864

0.0000, NaN, NaN

■ 68.7522, -11.9415,
2.9452

0.0000, NaN, NaN

■ 80.4752, -13.0344,
3.5409

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.7979, -14.1357,

105.6922,
-15.2472, 4.8345

20.5235, -6.4572,
0.5802

20.5235, -6.4572,
0.5802

20.2217, -7.6398,
0.5294

20.8699, -5.1326,
0.6857

19.9629, -8.6738,
0.5322

21.2598, -3.6734,
0.8445

19.7467, -9.5561,
0.5877

21.6929, -2.0892,
1.0554

19.5715, -10.2866,
0.6937

22.1686, -0.3906,
1.3165

19.4349, -10.8706,
0.8461

22.6859, 1.4114,
1.6254

■ 19.3109, -11.4076,
1.0121

■ 23.2435, 3.3056,
1.9792

■ 19.2548, -11.6519,
1.0862

■ 23.8400, 5.2812,
2.3751

■ 24.4740, 7.3279,
2.8098

■ 25.1438, 9.4360,
3.2805

Harmonies

Analogous

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



20.5239, -6.0257, 3.2286



20.5235, -6.4572, 0.5802



20.5239, -5.5201, -2.2914

Triad

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



20.5239, -6.4575, 0.5805



20.5239, 2.3235, -3.7882



20.5239, 1.3062, 5.4609

Complementary

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



20.5235, -6.4572, 0.5802



16.4811, 5.6168, 2.0313

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.



20.5239, 3.7373, 4.0258



20.5235, -6.4572, 0.5802



20.5239, 4.3475, -1.2456

Square

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



20.5239, -6.4575, 0.5805



20.5239, -0.5365, -5.0326



20.5239, 4.8790, 1.6397



20.5239, -1.6500, 5.8069

Rectangle

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



20.5235, -6.4572, 0.5802



20.5239, -4.2118, -3.8705



20.5239, 4.8790, 1.6397



20.5239, 2.2171, 5.1009

Sweetspot

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



20.5239, -6.4575, 0.5805



28.2153, -4.0271, 1.2143



20.2947, -8.1210, 6.4983



14.4633, -2.1032, 0.6180



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.



20.5239, -6.4575, 0.5805



26.6466, -9.9885, 0.6988



18.6156, -3.0644, -3.0987



11.3768, -1.3533, 0.5215



29.4434, -17.9568, 1.9619



74.8000, -46.0640, 5.9454

Inverse Universe

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



16.4811, 5.6168, 2.0313



20.0296, 9.9194, 3.1424



18.0746, 2.0899, 4.5887



10.8519, 0.1988, 0.7026



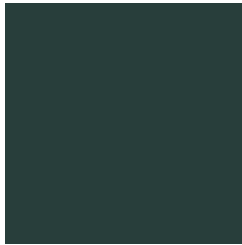
15.5787, 26.8633, 8.6374



39.4981, 67.8824, 23.6568

Previews

White Background



This preview shows how the HunterLab color 20.5235, -6.4572, 0.5802 looks on a white background.

Color Contrast Check

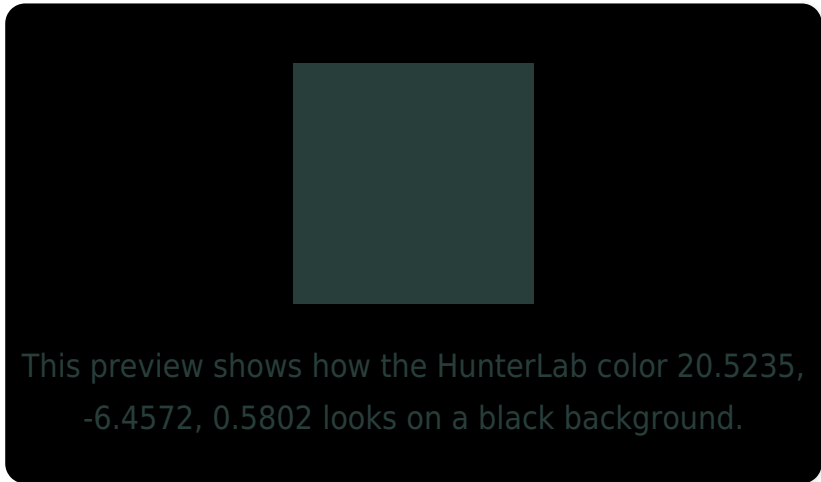
Large Text (above 18pt) WCAG AA ✓ Pass

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

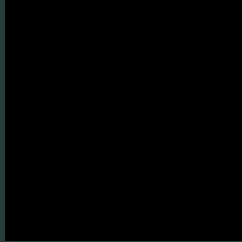
Any Text WCAG AA × Fail

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 20.5235, -6.4572, 0.5802 Background



This preview shows how black text looks on a background with the HunterLab color 20.5235, -6.4572, 0.5802.



This preview shows how white text looks on a background with the HunterLab color 20.5235, -6.4572,

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

20.5235, -6.4572, 0.5802

Protanopia

20.3509, -0.7000, 1.6278

Deuteranopia

20.4419, 1.0444, 0.2153



Tritanopia

20.5501, -4.6324, -2.2890

Trichromacy



Original Color

20.5235, -6.4572, 0.5802

Protanomaly

20.3799, -3.0945, 1.2425

Deuteranomaly

20.3387, -1.8038, 0.0389

Tritanomaly

20.4152, -5.2956, -1.1704

Monochromacy



Original Color

20.5235, -6.4572, 0.5802

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.9743, -3.2999, 1.1448

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5235, -6.4572, 0.5802 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, 62, 59)` looks like.

```
.text, #text, p{  
    color:rgb(40, 62, 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(40, 62, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 62, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5235, -6.4572, 0.5802 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, 62, 59) }
```


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

```
.border{ border-color:rgb(40, 62, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 62, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 62, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 62, 59);  
box-shadow:4px 4px 4px 4px rgb(40, 62, 59)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.5235, -6.4572, 0.5802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 62, 59) }
```

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

```
.background{ background-color: rgb(40, 62,  
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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