

Converting Colors

HunterLab(20.6544, -12.6472,
5.4821)

Have a look what the booklet for
HunterLab(20.6544, -12.6472,
5.4821) contains.

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Color

**HunterLab(20.5782,
-12.5015, 5.3084)**

Conversions

Conversions Part 1

Format	Color
Hex	14422D
RGB	20, 66, 45
RGB Percent	8%, 26%, 18%
CMY	0.9216, 0.7412, 0.8235
CMYK	0.70, 0.00, 0.32, 0.74
HSL	153°, 53%, 17%
HSV	153°, 70%, 26%
XYZ	2.7104, 4.2346, 3.1571
YIQ	49.8520, -20.6750, -16.2830

Conversions

Conversions Part 2

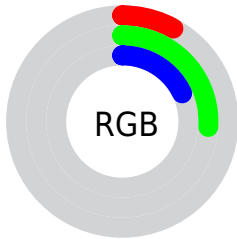
Format	Color
R_{YB}	20, 50, 66
Decimal	1327661
CIE Lab	24.43, -21.52, 8.27
CIE LCh	24, 23.055, 158.984
Yxy	4.2348, 0.2683, 0.4192
Android (android.graphics.Color)	4279517741 (0xFF14422D)
YUV	49.8520, -2.3920, -26.1802
Hunter-Lab	20.5782, -12.5015, 5.3084

Details

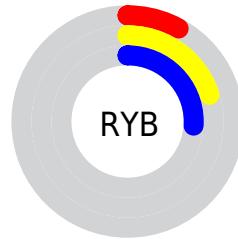
The HunterLab color **20.5782, -12.5015, 5.3084** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13.4862, 14.7474, -0.6553**, and the grayscale version is **17.8231, -0.9510, 0.9684**.

A 20% lighter version of the original color is **37.4902, -16.2820, 7.1635**, and **8.0825, -6.9307, 4.8591** is the 20% darker color. If you saturate the color by 10%, you get **20.3772, -13.4283, 5.9512**, and if you desaturate by 10%, it is **20.8272, -11.3907, 4.6695**.

Distribution



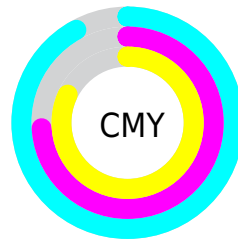
- Red (8%)
- Green (26%)
- Blue (18%)



- Red (8%)
- Yellow (20%)
- Blue (26%)



- Cyan (70%)
- Magenta (0%)
- Yellow (32%)
- Black (74%)



- Cyan (92%)
- Magenta (74%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5782, -12.5015, 5.3084 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 20.5782, -12.5015, 5.3084 by changing the saturation by 10% instead.

■ 20.5782, -12.5015,
5.3084

■ 20.5782, -12.5015,
5.3084

■ 119.2323,
-28.7210, 14.6717

■ 13.4378, -10.1986,
4.2201

■ 37.6031, -16.5506,
7.3793

■ 7.0054, -12.2594,
4.9038

■ 47.3126, -18.4163,
8.3990

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.7383, -20.2173,
9.4202

0.0000, NaN, NaN

■ 68.8340, -21.9714,
10.4478

0.0000, NaN, NaN

■ 80.5615, -23.6910,
11.4850

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.8883, -25.3849,

■ 105.7867,
-27.0598, 13.5957

■ 20.5782, -12.5015,
5.3084

■ 20.5782, -12.5015,
5.3084

■ 20.3772, -13.4283,
5.9512

■ 20.8272, -11.3907,
4.6695

■ 20.2158, -14.1933,
6.5855

■ 21.1247, -10.0968,
4.0410

■ 20.0625, -14.9246,
7.1778

■ 21.4720, -8.6256,
3.4293

■ 20.0578, -14.9467,
7.1951

■ 21.8695, -6.9860,
2.8403

■ 22.3170, -5.1897,
2.2788

■ 22.8138, -3.2499,
1.7489

■ 23.3588, -1.1807,
1.2536

■ 23.9507, 1.0033,
0.7953

■ 24.5878, 3.2877,
0.3754

Harmonies

Analogous

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



20.5786, -9.1105, 8.9575



20.5782, -12.5015, 5.3084



20.5786, -13.0745, -1.0463

Triad

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



20.5786, -12.5017, 5.3086



20.5786, 1.1096, -16.6145



20.5786, 10.8167, 7.8066

Complementary

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



20.5782, -12.5015, 5.3084



13.4862, 14.7474, -0.6553

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.



20.5786, 14.4527, 3.0740



20.5782, -12.5015, 5.3084



20.5786, 8.3631, -11.9849

Square

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



20.5786, -12.5017, 5.3086



20.5786, -5.8362, -15.3729



20.5786, 13.4978, -4.1895



20.5786, 4.1094, 10.0164

Rectangle

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



20.5782, -12.5015, 5.3084



20.5786, -11.8710, -6.3449



20.5786, 13.4978, -4.1895



20.5786, 12.4778, 6.5382

Sweetspot

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



20.5786, -12.5017, 5.3086



29.2751, -7.3825, 3.1642



21.0433, -11.3120, 10.9039



14.8701, -3.8786, 1.6472



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.



20.5786, -12.5017, 5.3086



26.6861, -18.4995, 8.5152



20.6444, -9.0485, -2.2409



12.1323, -1.5980, 0.8957



29.6393, -22.3570, 11.2159



74.1151, -56.7910, 29.9581

Inverse Universe

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



13.4862, 14.7474, -0.6553



15.9018, 23.5085, 0.1354



13.2853, 12.3723, 5.4491



11.6052, 0.3639, 0.4110



16.4910, 29.3550, 2.0238



41.0847, 72.7153, 8.2804

Previews

White Background



This preview shows how the HunterLab color 20.5782, -12.5015, 5.3084 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

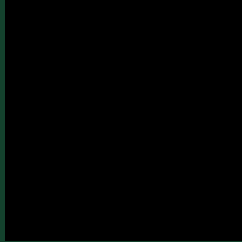
Any Text WCAG AA × Fail

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 20.5782, -12.5015, 5.3084 Background



This preview shows how black text looks on a background with the HunterLab color 20.5782, -12.5015, 5.3084.



This preview shows how white text looks on a background with the HunterLab color 20.5782,

-12.5015, 5.3084.

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

20.5782, -12.5015, 5.3084

Protanopia

20.5191, -1.9824, 6.5474

Deuteranopia

20.5594, 0.8509, 4.9279



Tritanopia

20.5757, -7.1396, -3.2052

Trichromacy



Original Color

20.5782, -12.5015, 5.3084

Protanomaly

20.2706, -6.7758, 5.9651

Deuteranomaly

20.2659, -5.3038, 4.8329

Tritanomaly

20.5247, -9.1755, 0.1375

Monochromacy



Original Color

20.5782, -12.5015, 5.3084

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.6362, -5.9443, 2.4832

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5782, -12.5015, 5.3084 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(20, 66, 45)` looks like.

```
.text, #text, p{  
    color:rgb(20, 66, 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(20, 66, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 66, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5782, -12.5015, 5.3084 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(20, 66, 45) }
```


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

```
.border{ border-color:rgb(20, 66, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 66, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 66, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 66, 45);  
box-shadow:4px 4px 4px 4px rgb(20, 66, 45)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.5782, -12.5015, 5.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 66, 45) }
```

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

```
.background{ background-color: rgb(20, 66,  
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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